

printout

Keystone MacCentral Macintosh Users Group ♦ 717-932-4009 ♦ <http://www.keystonemac.com>

Student Projects & A Followup

by Linda J. Cober
& Ed Benninghove

The next generation of Mac experts is alive and well and prospering at the West Shore School District. WSSD has been a Mac district since Apple II days and has been promoting the use of technology to enhance learning in all subjects and grades for years. In the early days, Hypercard allowed users to express their creativity while teaching and learning the lessons. Then came PowerPoint, followed by iMovie and then Final Cut Pro. Interested students can now take Media I and Media II courses taught by Bill Spong who has a beautiful Mac lab with G5's in the television studio at ACE, the WSSD admin building. Our guest speaker this evening will be Sean Maxwell, one of Bill's students, who exemplifies the next gen Mac expert. Sean, who won two prizes in the recent WSSD AV Expo, will be showing us some of his individual projects as well as some group projects in which he was involved. Sean will also be talking about the Expo, iMovie, and film making in general. He will also be ready to answer your questions, so write them down and bring them along. Bill Spong also plans to join us, but he says he has full confidence in Sean's ability to carry the show. So come out, get answers to your questions, ideas for your next iMovie, and view the projects of today's students who expertly interface with their Macs!

In addition to our guest speakers, we will be revisiting our networking program from last month as we ran out of time covering the material. We covered networking two Macs with a regular or cross over cable, using an Airport card to network two or more computers without an Airport base station and sharing an internet connection as well as the basic use of an Airport base station. This month we'll be covering Rendezvous and the applications that take advantage of this networking technology such as iTunes and Safari. As always, bring your questions and we'll do our best to answer them all. ☺

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Keystone MacCentral is a not-for-profit group of Macintosh enthusiasts who generally meet the third Tuesday of every month to exchange information, participate in question-and-answer sessions, view product demonstrations, and obtain resource materials that will help them get the most out of their computer systems. Meetings are free and open to the public. The *Keystone MacCentral Printout* is the official newsletter of Keystone MacCentral and an independent publication not affiliated or otherwise associated with or sponsored or sanctioned by any for-profit organization, including Apple Computer, Inc. Copyright © 2004, Keystone MacCentral, 1020 Pines Road, Etters, PA 17319.

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by Ed Benninghove, President

President's Corner

Calling all voters! Yes, it's election month for the group, the end of another 2 years of duty for the board members. As always we're looking for our members to step up and take a more active roll in the club by running for a board position. The group is run by members for members, and it takes participation to continue to help the club grow. What's involved in being a board member? For most of us, it's a matter of getting together two nights a month instead of one.... Enjoying dinner with friends and discussing things to come for the group. "Do I need to be a computer super user?" Not at all. While you do see the majority of the board members are very knowledgeable, for the most part their computer knowledge has nothing to do with their duties as a board member. "I

don't have the time to devote to the club." We understand that in today's world everyone is concerned about time. There never seems to be enough. I'd like to assure you that with the board the club has had in the past, for most positions it doesn't involve anything more than spending the first Tuesday of each month having dinner with friends and maybe an hour or two outside of the board and group meeting to complete your duties. So if you've even pondered the idea of running for a position, please don't hesitate anymore. The board has always worked very well together and there's always friends there ready to help you out.

With that being said, why am I not running for a board position again this year? Yes, it's true, I've decided

not to run for a board position for the next two years and it's a decision I've had mixed feelings over. I'll still be around the club and do intend to run again for an office at a future date and time but for now I've made a decision to change my focus from computers, all I do from the time I wake up until I go to sleep, to other interests in my life. Hopefully one of them, digital astronomy, will become a program for the club in the not too distant future.

My years of experience as a board member have been enjoyable ones. As you can tell, I consider the board members friends and they truly are. I'd like to extend my thanks to everyone as it has been, and will continue to be, a great time with the club. 🍷

by Gary Brandt, Recorder

The Way We Were April 20, 2004



Business Meeting

Prior to starting the business meeting, we watched the May edition of Breen's Bungalow, a presentation on the iPod Mini. President Ed Benninghove then asked for board member reports. Webmaster Linda Smith said our site was updated with the latest newsletter and one new link on the links page. She also removed some links previously listed that had become inactive. Tim Sullivan reported updates of the library

catalog PDF and the Shortcuts PDF. Recorder Gary Brandt reported that the board had made a \$100 donation to the Gannett Fleming Scholarship Fund, as it has done for the past few years to thank them for letting us use a meeting room in their complex. Tucker Hill reported on the efforts of the Nominating Committee. The committee was still looking for nominees for three open positions and it encouraged members to run for any positions that interest them. The election of board members to serve two year

terms beginning in June will be held at the May meeting.



Q & A & Comments

Tucker Hill mentioned a problem he had with an online order. He had intended to order one Palm handheld from Buy.com but somehow they ended up shipping two. Tucker sent about 5 e-mails to Buy.com but he reported getting no response. Jim Carey

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The Way We Were

suggested that Tucker send a written letter to his credit card company disputing the charge for the second unit. The credit card company would then contact the shipper. Jim reminded members shopping online that they should carefully check their shopping cart and only click the order button on a web site one time, even if it seems to be taking an inordinate amount of time to get a response.

One member inquired about keyboard combinations to tab between open applications. In the Panther operating system, you can hold down the tab and Apple keys to display a window of active program icons. You can Tab or Shift-Tab between icons to select the one you want. Another question dealt with connecting a new printer to an older Mac with a USB 1.0 port. Most new printers should be backward compatible. Several members reported occasional problems when printing out e-mail messages from Apple's Mail application. The message occasionally prints out backwards and upside down. Ed has experienced this problem but he has no idea what could be causing it. Gary Brandt asked about application mapping under OS X. Using the Get Info command on a selected file and selecting the Open With option and choosing the desired application will change the default application for that file. In addition, clicking the Change All button in that window will set the default application for all other files of that type. The virus mentioned in recent news accounts as being attached to JPEG, MP3, or other file types could become a problem for Mac users. If these files are opened from within an application, the

virus is not able to run. However, double-clicking the infected file icon to open it will allow the virus to run, so Ed recommended against double-clicking any questionable file you may have downloaded. Gary asked for recommendations for Mac-compatible scroll wheel mice. Ed mentioned that he was pleased with a Logitech mouse he had purchased at Best Buy.



Program Notes

Ed Benninghove and Jim Carey presented the April program on networking, with assistance from Linda Smith. They began by covering the easiest way to transfer files between two Macs with an Ethernet cable. If you plan to connect two older Macs, you might require a crossover cable, but newer Macs have smart ports that can use regular Ethernet cables. Once the two Macs are connected via an Ethernet cable, go to the Network pane in System Preferences (OS X) and show Network Port Configurations. You should see options for Built-in Ethernet, Internal Modem, and possibly AirPort. Choose Built-in Ethernet and configure TCP/IP manually to set up connections between the two Macs. Disabling options you are not using will save a little time. Every computer on your LAN needs a unique IP address. Ed explained the numbers available. You do not have to change the Subnet Mask from 255.255.255.0. Go to the Sharing pane of System Preferences to enable personal file sharing. Once connected, go to the Finder's Go menu and use the Connect To Server command to connect to the other Mac. When connecting more than two computers, you can use an Ethernet hub and follow a

similar procedure to connect them all.

If your Mac has an AirPort card, your networking efforts are eased a little bit because AirPort does a lot of the work automatically in OS X. Ed demonstrated how to use his Mac as a server and how to share an internet connection between Macs. Although he was not part of the planned presentation, Marc Soto was able to access the internet while sitting in the audience using the AirPort network Ed had established. Jim then plugged in an AirPort Extreme base station which can be used to establish either wired or wireless connections. The base station can also function as a USB print server. Ed demonstrated security setup for the connection. Without any security settings, anyone within range of your network would have access. You may not need AirPort Extreme if your networking needs are limited. Ed also explained port mapping as it relates to networking. ☞



If Apple made cars, they wouldn't crash. (And if they did, Apple would call it a kernel panic, not a crash.)

If Microsoft made an automobile, you'd have to register it with Microsoft before you could drive anywhere.

Rumors and Reality

Around Apple

- The next major OS release is 10.4. So far it seems to be named Tiger. A lot of effort has been directed to optimizing disk maintenance. The beefed up Disk Utility should rebuild and replace damaged directories rather than attempt to repair them. Repairing permissions could become automatic. Also look for a System Integrity Checker. This will compare attributes such as location and size of files in the installed system with a map provided by Apple. Presumably, the Checker would complain about deviations.

Look for a preview of Tiger during Apple's Worldwide Developers Conference. The keynote with the preview will be on Monday, June 28, 2004, beginning at 10:00 a.m. PDT at San Francisco's Moscone West.

- **Upgrades and New Stuff:** During April Apple announced software and hardware upgrades and even some new products.

At the annual National Association of Broadcasters conference in Las Vegas, Apple unveiled

(1) Final Cut Pro, which now supports broadcast-quality HD video. The product is used by about 250,000 editors and can be upgraded free for those people with version 4. Apple announced an agreement with Panasonic to incorporate compression technology that would deliver HD programming at greater speed and efficiency using Apple's FireWire from Panasonic's new HD recorder. During the event, Panasonic

introduced the small HD recorder, called AJ/HD1200A, which costs about \$25,000. It will make recording and editing in HD video seamless with the use of Final Cut Pro HD on both Apple desktop and laptop computers, the companies said.

(2) Xsan, a Storage Area Network (SAN) file system aimed at users in video and other businesses looking for high-speed access to centralized, shared data. The software, which is in beta form now and will be fully available in the fall, is a solution for storing and filing media so that it can be accessible among different working groups in the office on systems using Windows, Linux or Unix.

(3) Shake. Apple's digital cinema software, known as Shake, was upgraded to version 3.5, giving movie studios more tools to create special effects.

(4) Apple also updated DVD Studio Pro to version 3. The software, available in May, is a professional DVD creation tool that now includes Apple's encoding and decoding technology to transfer HD to MPEG-2, the compression standard for DVD. DVD Studio Pro 3 has become much easier to use, making it a better jumping point for the mid-range authoring professional than earlier versions.

(5) Motion software lets editors animate text, graphics and video. Artists can drag and drop special effects, add natural-looking movements to type and graphics, and preview multiple HD videos in real time.

At least one broadcast professional believes that Motion will be a direct assault on higher-end products like those from Adobe. "They're going to create the After Effects killer," said David Marcus, content director for Magnet Media, who attended the launch.

- The entire line of portable computing products was upgraded. Apple's pro PowerBook models have been bumped to a top speed of 1.5GHz, while the consumer iBook now reaches speeds of 1.2GHz. AirPort Extreme wireless networking and an internal Bluetooth module are now included standard with all PowerBook models. On the 15-inch and 17-inch models, graphics performance has been improved with the inclusion of ATI's Mobility Radeon 9700 graphics processor; 128MB of VRAM is also available as a custom configuration.

The 12-inch and base 14-inch iBook G4 models now both run at 1.0GHz. Each model includes 256MB DDR SDRAM expandable to 1.25GB, two USB 2.0 ports, FireWire 400, VGA video out, 10/100baseT Ethernet, and slot-loading Combo (DVD-ROM/CD-RW) drives. The 12-inch model comes equipped with a 30GB hard drive while the 14-inch gets a 40GB hard drive. Like their predecessors, they come with a slot for an AirPort Extreme wireless networking card and can be ordered with an internal Bluetooth module.

- In a major upgrade, iTunes went to version 4.5.

- CD insert printing: After burning a CD you can create and print a label insert directly from iTunes.

- WMA audio file support: According to Apple's docs, you

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Rumors and Reality

can now import WMA (Windows Media) files.

– Lossless Encoder: “using the Apple Lossless Encoder, you can import CDs into iTunes with sound indistinguishable from the original recording but at about half the size.” The new Lossless Encoder appears as an option in the Importing pane of iTunes preferences. At this time, we’re not sure what “Lossless Encoder” is or what format is produced.

– Links to iTunes Music Store: Songs in your iTunes library automatically link to the iTunes Music Store, allowing you, for example, to find more music by an artist you like.

– Party Shuffle playlists: A new Smart Playlist that is continually updated with songs from your library. “Party Shuffle automatically chooses upcoming songs from your Music Library or Playlists. You may add to, delete or reorder the upcoming songs at any time.” You choose options for the Party Shuffle playlists such as the source (your entire Library or just a particular playlist); the number of upcoming songs; the number of recently played songs; and whether or not to give preferences to higher-rated songs.

– Compilation grouping: iTunes can keep compilations grouped together when browsing.

With the release of iTunes 4.5, Apple has also announced new iTunes Music Store features:

– Free downloads: Each Tuesday selected singles will be available, for the next week, for free download.

– Wish lists: You can create a playlist of songs that you want to buy and then purchase them later.

– Published playlists: Users can publish their own playlists as well as view playlists published by other users.

– Music videos: Users can view videos for selected iTunes Music Service songs from within iTunes.

– Movie trailers: Movie trailers available from Apple’s QuickTime website are also viewable from within iTunes.

– Radio station charts: Playlists/charts from over 1200 U.S. radio stations are updated weekly and available for browsing.

Symantec has declared an end-of-life to Norton Utilities for the Macintosh. Symantec will focus its development resources towards future consumer (read Windows) and corporate versions of Norton AntiVirus, Norton Personal Firewall and Norton Internet Security.

The Need For Speed: PPP, Ppoe, and TCP got us through the days of the 14.4K modem, the 28K modem, and even the 56K modem. DSL is the protocol in use for ethernet connections. Now there is a new data-transfer protocol on the horizon: BIC-TCP (binary increase congestion transmission control protocol).

It is one of several new protocols being tested for stability, scalability and fairness in comparison with other protocols. BIC consistently ranks first. The cool thing about BIC is that it can achieve speeds roughly 6,000 times that of DSL and 150,000 times that of current 56K modems.

In the meantime, college students are using Internet2, also known as i2hub, to swap files. The

protocol has been clocked at 6.25 Gbytes per second. This translates to 10,000 times faster than DSL.

Searching for digital data on a computer is fairly simple and straightforward if the search is one dimensional. Look for a string of data — numbers, dates, or text — and your computer can handle that. Move to two dimensions and we’re in trouble. I’ve long wished for a program that could match graphics so I could determine if a particular picture is already on file.

While it might seem as though searching for 3D objects would be impossible, there are several programs being developed that do exactly that. The programs use voxels as the basic element that defines the object. A voxel represents the volume and shape of the object at any given point.

If the system were used in a parts department, a customer could sketch the part they need and instantly see parts in inventory that resemble the item. If a part seems close, but not quite right, users can manipulate it on their computer screens — make it longer or shorter or curved, for example — and then query the database again.

Netscape Will Rise Again, if AOL has its way. Last year AOL abandoned development of Netscape and Mozilla browser technology. However AOL has not lived up to the expectations of its partner, Time Warner. AOL’s CEO Jonathan Miller presented a turnaround plan for the online giant to the Time Warner board of directors. Part of AOL’s strategy will be to attract more visitors and sell more ads on the open Internet.

AOL is planning on resurrecting Netscape. The new release will be based on version 1.7 of

Mozilla, an upcoming release of the Mozilla Internet application suite. Development work was taken over by the Mozilla open source project, which was originally started in early 1998 by Netscape Communications and continued when AOL acquired Netscape later that year. Last year the people behind Mozilla created a foundation, largely funded by a \$2 million pledge from AOL, to build, support, and promote Mozilla products.

Localized content for web browsers is a rapidly growing area. Google announced its plans recently. Now AOL has begun testing a new product called the Netscape Desktop Navigator that offers access to localized Web content, based on the user's zip code, through a round user interface that resembles a coaster. Currently Navigator requires a Wintel machine.



Netscape Desktop Navigator

The center of the coaster contains an Internet search bar, news headlines, and weather while the edges are buttons for pulling up various kinds of information from the Web, including movie and TV times, phone books, maps, personals, and shopping.

Information shown in the Netscape Desktop Navigator is provided by AOL and partners

such as InfoSpace. The information first appears in a screen that folds down over the coaster, but another click will open the user's default Web browser, which could be Microsoft's Internet Explorer.

Be Careful Out There: Phishing is an Internet scam in which unsuspecting users receive official-looking e-mails that attempt to fool them into disclosing online passwords, user names and other personal information. Victims are usually persuaded to click on a link that directs them to a doctored version of an organization's Web site.

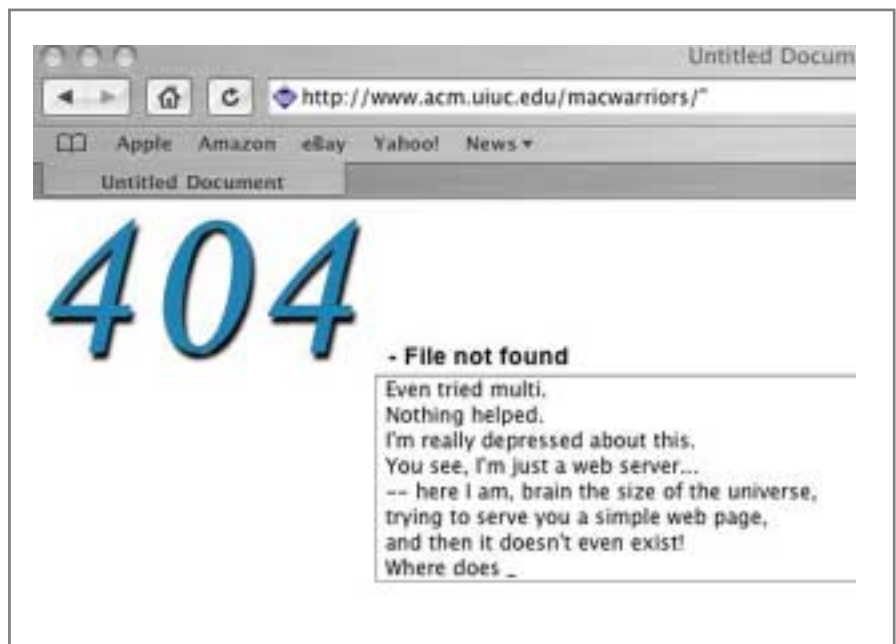
MessageLabs, which monitors corporate e-mail traffic, said that in September 2003 the company encountered just 279 phishing e-mails. In January 2004, this figure reached 337,050 and then dropped back to 215,643 by March. The company said it is impossible to estimate exactly how many people have been fooled by the phishers.

A new tactic is recode the address bar with a Java applet. This allows the victim to enter any legitimate URL. However the

user is directed to the site developed by the phishers. That site may appear very much like the site that the user really intended.

Depressed Server: This last month I ran across an article that described a project by University of Illinois. The project is to allow people to rate tracks found on the iTunes Music Store. Could be a good idea I suppose. But the first link <<http://www.acm.uiuc.edu/macwarriors/>> that I attempted took me to a very verbose and depressed server. The problem was error 404, the dreaded "Not Found".

Instant Music: Maxwell's is a small rock club in New Jersey. The club promotes new rock groups. Maxwell's has installed a kiosk where patrons can download the concerts for \$10 almost as soon as the concert is over. The music is downloaded on a 128 MB keychain pen drive that can be purchased for \$20. The music is not restricted — patrons are encouraged to share the music. Mac users need not despair. The music is in MP3 format. ☹



May Software Review

Multi-Mac families may often find the need to synchronize files among their Macs. And hopefully all Mac users backup files on a very regular basis. The two function are similar. This month we offer a selection of highly rated shareware programs that accomplish these tasks. We recommend that you check several or all of the programs to see which best fits your needs.



Synk X 4.2
<http://www.decimus.net/synk/>

Synk 4 requires OS X 10.1 (10.3 strongly recommended) and is written in Cocoa. Synk 4 provides an informative preview window that gives you full control over what will happen. It has intelligent synchronization that knows when you have removed a file from a folder. It has powerful archival features that keeps and organizes every modified document



ChronoSync 2.0.5
http://www.econotechnologies.com/site/Pages/ChronoSync/chrono_

overview.html
ChronoSync requires Mac OS X 10.2 or higher.

With ChronoSync you can

- **Synchronize Two Computers.** ChronoSync brings power and simplicity to keeping your laptop and desktop computers in sync. ChronoSync automates these tasks for you in a stable, easy-to-use environment. It keeps track of every file so only files that have changed get updated. If both files have changed, several options are given so that you don't copy over a file you need.
- **Backup Your Mac.** ChronoSync also makes an

excellent, lightweight file backup utility, making it easy to keep duplicate working copies of your files. Using the scheduling capabilities, you can devise quite sophisticated backup strategies.

- **Schedule Automatically.** The most powerful aspect of ChronoSync is scheduling. Create multiple sync documents and schedule them separately or combine them in a ChronoSync Container to schedule them together.
- **Create ChronoSync Rules.** Create rules to synchronize folders and files by name, date, size, creator codes, extension, labels, flags, permissions, or any combination of the above, adding intelligence and creating flexibility in the file selection process.
- **Analyze Your Data.** ChronoSync features an Analyze Panel that lets you view every folder and file that was specified to be synchronized. You can sort, filter, view, and you can view the current status of every file before and after each sync and make changes to your data directly from this window as required



Synchronize! X Plus 1.2.1
<http://www.qdea.com/>

Synchronize! X Plus is a file synchronization and backup utility for personal data on Mac OS X. Synchronize! X Plus requires Mac OS X 10.1.1 or higher

Synchronize! X Plus will backup your OS X "Home" folder to another disk, so that your personal data is safe. It can sync your home folder with a file server, or your PowerBook, or a FireWire disk, so that the newest files are in both locations.



You Synchronize 2.0.1
<http://www.yousoftware.com/>

The update to the 2003 MacWorld Editors' Choice Award ExecutiveSync, You Synchronize is designed for Mac OS X users who keep files in more than one location and need to synchronize those files on a regular basis. With You Synchronize you can effortlessly backup or synchronize files and folders.

You Synchronize maintains a database of detailed information about the files and folders you synchronize. When you synchronize your folders, You Synchronize uses this database to determine what files were added, removed and modified since your last synchronization.

You Synchronize offers four different methods to use to compare files. Each method has its benefits and You Synchronize allows you to use the method that best fits your particular synchronization project.

- **Checksum**
The most robust synchronization method available for Mac users, this method is 100% accurate, all the time, every time.
Calculating and comparing checksums can take longer than other methods depending on the number of files being synchronized, but if you need to synchronize files between a Mac and a Windows computer and need a synchronization method that is 100% accurate, this is for you.
- **File Signature**
This method is several times faster than the checksum method and works best when synchronizing files between two Macs.
- **Checksum & Modification Date**
This method incorporates two synchronization methods and should be used if you want the benefits of a "checksum

synchronization” but you also want to make sure that the modification dates of your files are also synchronized for use by another program such as a source code control system or an MP3 device that looks at the modification date.

- **Modification Date**

This method looks solely at the modification date of the files being synchronized. This method is best suited for synchronizations between one internal hard drive to another on your Mac.



Duover 1.6

<http://www.interfacethis.com/duover/>

Duover was our December 2003 selection. Duover allows you to backup / synchronize your computer. Options provide for automatic synchronization.



Apple updates this month

The following software updates have been released by Apple. For OS X users, select System Preferences > Software Update to have the system check your system files against current updates. To determine your specific pre-OS X systems update requirements go to <<http://www.versiontracker.com/systems/system.shtml>>. This site lists the updates by Mac model and by OS system. The Apple Support Download page <<http://www.info.apple.com/support/downloads.html>> contains a list of featured software downloads and a link to recently posted software.

iPod Update 2004-04-28

04/28/04

Required

- Mac OS X
- Mac OS X v10.1.5 or later. Some features require Mac OS X v10.2.8 or later
- Macintosh computer with built-in FireWire

- A PC with built-in FireWire or USB 2.0, or a FireWire or USB 2.0 card
- iTunes 4.5

iPod Update 2004-04-28 supports all models of iPod and iPod mini introduced before April 28, 2004. To take advantage of new features in iTunes 4.5 and the iTunes Music Store, you must install the software in this updater.

Changes for iPod without a Dock connector

- Compatibility with iTunes 4.5 and the iTunes Music Store
- Improved playback performance

Changes for iPod with a Dock connector and iPod mini

- Compatibility with iTunes 4.5 and the iTunes Music Store
- Improved playback performance
- Support for the Apple Lossless Encoder, to enable compressed music encoding at high quality

iTunes 4.5

04/28/04

Required

- Mac OS X 10.1.5 or later
- Mac OS X 10.2.4 required to share music and burn DVDs
- 400MHz G3 processor or better recommended
- 128MB of RAM (256MB RAM recommended)
- DSL, cable modem, or LAN-based high-speed Internet connection recommended for buying and streaming music
- AAC encoding requires QuickTime 6.2 or later

Using iTunes 4.5, you can DJ your own parties with Party Shuffle, share playlists with friends, print jewel case inserts, and much more.

iMovie for Mac OS X 4.0.1

04/27/04

Required

- Mac OS X 10.2.6 or later

iMovie 4.0.1 includes improved performance and reliability for iMovie 4.

This update provides increased performance when working with

large projects, such as editing video clips and audio volume. iMovie 4.0.1 provides increased reliability when the application opens, when titles are added to the timeline, and with 3rd party plug-ins that are removed or no longer available to an iMovie project (for example, when you open a project on a different computer). Other improvements include fixes for pixelated video, corrupted Ken Burns clips, and loss of audio, which could occur after editing video or audio and then emptying the trash.

QuickTime 6.5.1

04/27/04

Required

- Mac OS X 10.2.6 or later
- 400MHz PowerPC G3 or faster
- At least 128MB of RAM
- A Pentium processor-based PC or compatible computer Windows 98/Me/2000/XP
- Windows 98/Me/2000/XP

The industry’s first mainstream media architecture for the creation and playback of rich multimedia content for both CDMA 2000 and GSM wireless networks. Expanding its support for mobile multimedia standards to include both 3rd Generation Partnership Project (3GPP) and 3rd Generation Partnership Project 2 (3GPP2), QuickTime 6.5 enables users to share high-quality video, audio and text across the two predominant wireless networking technologies worldwide.

QuickTime Update 6.3.1

04/27/04

Required

- Mac OS X 10.1.5 or later

Delivers enhanced support for iTunes and other QuickTime-based applications. For Mac OS X v.10.1.5 users.

AirPort Update 3.4.1

04/26/04

Required

- Mac OS X 10.3 or later

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August Software Review

Airport Update offers

- Improved antenna output control.
- Enhanced logging from your base station which is compatible with syslog.
- Performance improvements for WPA security implementations.

Final Cut Pro HD 4.5 **04/26/04**

Required

- Mac OS X 10.3.2 or later
- QuickTime 6.5 or later
- Final Cut Pro 4
- Valid Final Cut Pro 4 serial number

Final Cut Pro HD offers native DVCPRO HD editing with RT Extreme support

- 720p HD video support
- Digital Cinema Desktop, allowing real-time HD previewing on an Apple Cinema Display via DVI
- 24 @ 25 PAL editing support

FireWire Audio Driver Update **1.0.8**

04/21/04

Required

- Mac OS X 10.3.3 or later

This update is recommended for users of FireWire audio devices built on the BridgeCo Enhanced Breakout Box (BeBoB), including the FA-101 from Roland/Edirol.

AirPort Extreme FW Update 5.4 **04/19/04**

Required

- Mac OS X 10.3 or later
- Windows 2000 or XP
- An AirPort Extreme-ready computer with an internal AirPort Extreme Card or
- AirPort Extreme Base Station

New AirPort Extreme features:

- Improved antenna output control.
- Enhanced logging from your base station which is compatible with syslog.
- Performance improvements for WPA security implementations.

Bluetooth Firmware Updater 1.1 **04/19/04**

Required

- Mac OS X 10.2.8 or later
- with Bluetooth Update 1.3.3

Or

- Mac OS X 10.3.3 and later
- Not recommended for 10.3, 10.3.1 or 10.3.2

Provides improvements in the update installation process, better performance when waking the computer from sleep, and support for additional key commands during startup.

The Bluetooth Firmware Updater is for D-Link USB Adapters (revision B2 or later), and Apple internal Bluetooth modules on PowerBooks and PowerMacs. This firmware update will improve connectivity between the computer and the Apple Wireless Keyboard and Mouse. Use this updater for the modules specified above; this updater is unsupported with any other Bluetooth modules.

Important: Applying this firmware updater to a D-Link USB to Bluetooth adapter will make it incompatible with non-Macintosh systems.

Final Cut Express 2.0.3 **04/16/04**

Required

- Mac OS X 10.2.5 or later
- QuickTime 6.4 or later
- Valid Final Cut Express 2 serial number
- Final Cut Express 2.0 or higher

This update fixes an issue with some cameras caused by conflicts between timecode breaks and dropped frames, resulting in incomplete capture. It also improves QuickTime movie export when there is blank video in a sequence.

Final Cut Express 2.0.3 is strongly recommended for all users of Final Cut Express 2.

Security Update 2004-04-05 **(10.3.3)**

04/05/04

Required

- Mac OS X 10.3.3 or later

Delivers a number of security enhancements and is recommended for all Macintosh users. This update includes the following components:

- CUPS Printing
- libxml2
- Mail
- OpenSSL

Security Update 2004-04-05 **(10.2.8)**

04/05/04

Required

- Mac OS X 10.2.8 or later

Delivers a number of security enhancements and is recommended for all Macintosh users. This update includes the following component:

- CUPS Printing

Additionally, Security Update 2004-01-26 has been incorporated into this security update. Those components are:

- AFP Server
- Apache 1.3
- cd9660.util
- Classic
- Directory Services
- fetchmail
- fs_usage
- Mail

Recent upgrades worth checking

Airburst 1.0.55

<http://www.strange flavour.com/pages/airburst.html>

An arcade game: Protect your rings of balloons from the razor sharp flying balls and try to burst your opponents out of the sky! Play against up to 3 other human players and up to another 8 computer players in the most manic game this century!

Business Card Composer 2.2
<http://www.belightsoft.com/products/composer/>

Business Card Composer is a Mac OS X tool to create and print business cards. Prepared design and image collections lead to simplicity of making own cards. The application allows print out cards on specific paper stock from world-wide manufacturers.

DEVONthink PE 1.8.1

<http://www.devon-technologies.com/products/devonthink.php>

DEVONthink is the Mac incarnation of the real paperless office. It's a notepad, outliner, scrapbook manager, information manager, freeform database, archive, bookmark manager and image database.

Diet Sleuth 4.2.0

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

Diet Sleuth is a nutritional database and personal health logbook. Diet Sleuth allows you to keep track of what foods you eat each day and their nutritional value. For each day, you select the foods you have eaten and the number of servings of each. Diet Sleuth will automatically calculate your caloric intake, fat grams, carbohydrates, fiber, protein, cholesterol, sodium, potassium, and calcium.

DiskTracker X 2.3.1b4

<http://disktracker.com/>

DiskTracker offers the ability to have, in a single compact file, a

record of the contents of all of your disks. This includes hard drives, removable media, CD-ROMs, and even floppy disks.

Doublet Scan 10.1.4

<http://www.workingnet.com/hyperbolic>

Doublet Scan is a utility for identifying all the duplicate files in your hard disks.

Duover 1.6

<http://www.interfacethis.com/duover/>

Backup / synchronize your computer. Options provide for automatic synchronization.

EarthBrowser 2.0.2

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

Earth Browser is a three dimensional model of the Earth that is constantly monitoring conditions around the globe. It will keep you informed on the latest weather forecasts, earthquakes, volcanoes and webcams from all over the world. It also becomes a beautiful screen saver when your computer is idle.

Graphic Converter 5.1.1

http://www.lemkesoft.de/us_gcdownload.html

Converts graphics to and from a variety of formats.

GyazMail 1.1.10

<http://www.gyazsquare.com/gyazmail/download.php>

GyazMail allows you to filter out spam before it downloads to your machine. Its greatest feature is the

ability to add "Filters" that allow you to delete e-mail from a regular POP server based on what is in the subject, to, from, or any other e-mail header field.

iCab X 2.9.8

<http://www.icab.de/>

A small, fast web browser

iKey 1.0.7b1

<http://perso.club-internet.fr/phupe/english/YKIndex.html>

This application saves pieces of text, such as N&A, URLs, and headings. It will then insert the text using a menu selection or key combination.

LimeWire X 3.8.11

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

LimeWire is a software package which enables individuals to search for and share computer files with anyone on the internet.

MP3 Rage 5.8.1

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

MP3 Rage is the definitive collection of tools for MP3 enthusiasts.

My Photo Album 4.2.1

<http://www.x-industries.org/>

My Photo Album allows you to organize and display your photographs in a virtual photograph album. Users use the 'New Photo Album Wizard' to create their photo albums in a simple step-by-step process. The captions, headings, picture locations, and even the appearance of the album are all customizable. ☑

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Keystone MacCentral Membership Chair ♦ 1020 Pines Road ♦ Etters, PA 17319.

Keystone MacCentral meetings are held at 6:30 p.m. on the 3rd Tuesday of the month at Gannett Fleming, 209 Senate Avenue, Camp Hill.

Keystone MacCentral

1020 Pines Road
Etters, PA 17319

FIRST CLASS

Keystone MacCentral ♦ 717-932-4009 ♦ 425-984-1475 Fax ♦ <http://www.keystonemac.com/>

Student Projects & A Followup

Sean Maxwell, a local student, will be showing his own projects and group ones that he worked on. Bill Spong, his teacher, will also answer questions if our members want to know more about the classes he teaches and applications he uses.

We will also revisit our networking program. This month we'll be covering Rendezvous and the applications that take advantage of this networking technology such as iTunes and Safari.

Gannett Fleming

Gannett West Building
209 Senate Avenue • Camp Hill

Tuesday, May 18, 2004, 6:30 p.m.

Attendance is free and open to all interested persons.