

printout

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

Back to School 101

by Jim Carey



It has always been a goal of Keystone MacCentral to bring you educational programs when possible. Over the years I have used many instructional videos, CDs, and tapes and never found anything as good as the Mac OS X Technical Training DVD produced by the folks at Tackyshirt, Inc.

What makes this DVD so different is how the information is presented by some of most well known personalities in the Mac community — Andy Ihnatko, Bob Levitus, John Welch and Shawn King. This first of a series contains four hours of OS X basics. Because of the amount of material to view we need two meetings. This month will cover the following lessons: Dock, Mouse, What's Different?, Classic, System Preferences: Personal, Hardware, Internet & Network, and System & Other.

If you are a beginner or power user don't miss the September and October meetings. We will start the training promptly at 6:45 pm. Web links mentioned during the program will be posted on our web site. Hope to see you there. ☺

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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 © 2003, Keystone MacCentral, 1020 Pines Road, Etters, PA 17319.

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President's Corner

The kids are back in school, the summer vacation season is over, and I hope to see you at our next meeting! The last two months have been slow ones for the group, and for business as a whole on my end, but that's all over now! It's time to get productive!

We're trying something new with the group the next two meetings. We've purchased an OS X training DVD from TackyShirt.com that runs about four and a half hours. Please let us know if you like this idea or not as it may present itself as an option in the future for more professional training.



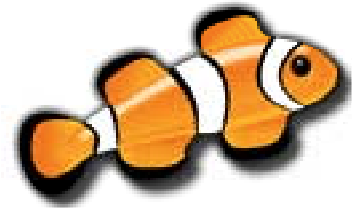
Definition of the Month: Spyware - Spyware has two classifications.

- Software used to monitor or log keystrokes or record all activity on your computer is the first classification. Companies make serious money from these kinds of applications by selling them to companies as a security system or selling them to untrusting spouses who want to know if they're being cheated on online.

- Primarily free internet related applications will sometimes monitor/spy on your activities. Generally they'll log what sites you go to and report them back to the developer to use or sell to companies. On the extreme side the developer can implement some parts of the first classification of spyware to steal your passwords and credit card numbers.

What can you do about it? Spend some time checking out public Mac forums and searching the web for reviews of the software. Odds are if it's spyware some major computer hacker geek has found out it was and made the information publicly available. There appears to be a application coming to the Mac that is currently in beta available at <http://macscan.securemac.com/>. At the time of this writing there was not a publicly downloadable version available but the site states it is only a matter of time until a new version is available. My advice is use some common sense. If you're using a free or shareware application to do something not exactly legal, it probably has some form of spyware. ☹

Ed's OSX App of the Month



Marine Aquarium 2.0

Review: It's been a while but this is a fun little screen saver I couldn't pass up writing a little bit about. I showed the demonstration version of this screen saver so you already know how well done this app is if you made it to last month's meeting.

We've all seen fish screen savers but never before like this one. The fish and coral are rendered in 3D. It uses OpenGL and the renderings are beautiful. The fish are much more life like and swim more realistically than any others I've seen. You can watch as they swim circles around and through coral on your screen. With 25 beautifully modeled and detailed fish it won't get old.

Combine this with a program like xBack and your desktop comes to life. You'll have fish swimming behind your applications that you'll see as they peak out from behind your windows. Definitely a cool factor and I feel it can make your computing experience a little calmer, more soothing and enjoyable.

Browse the site for various tidbits and supposedly there's a fresh water version coming soon.

Website: <http://www.serenescreen.com/>

Size: 3.2 Meg

Cost: \$19.95 Shareware

The Way We Were

August 19, 2003



Business Meeting

President Ed Benninghove began the business meeting in August by asking board members to give their reports. Recorder Gary Brandt reported on a board motion to extend a free membership to Kendra Pfeifer who supplies the club with candy passed out at our meetings. Industry Liaison Eric Adams made some contacts with vendors at the CreatePro Expo in New York in July. We have already received a PowerMate from Griffin that will be part of the auction in November.

Jim Carey told members of the club's purchase of an OS X Training Disc 1 which addresses beginner to intermediate issues. We will be showing this video in two hour sessions at the September and October meetings. The video will be shown promptly at 6:45 PM at those two meetings.



Q & A & Comments

Jim Carey had a question for Ed regarding what type of DVD recordable media to use with a SuperDrive. The SuperDrive will work only with DVD-R media. Note the dash and don't buy DVD-RW media for your SuperDrive. Gary Brandt asked if there was a way to disable the Window Shade feature of OS X where a window will be minimized

by double-clicking on its title bar. Ed said that there was a way to do this but we could not come up with the answer at the meeting. Jim said he thought that was covered in the training video we will be viewing in September.

Eric Adams mentioned that he was still having problems printing with an H-P Laser-Writer under OS X. Jim mentioned that printing from Internet Explorer could cause the printer to suffer from memory overload. Eric's printer may need to be outfitted with additional RAM. Another question dealt with opening e-mail attachments you might receive with a file extension you do not recognize. Webmaster Linda Smith has provided a link on the Links page of our web site to a listing of most any file format extension you might encounter. You can use that list to select one of your installed applications that may be able to open the file in question.

Someone mentioned that MapQuest information can now be downloaded to and used with an iPod. Linda Cober had a question about the G4 Cube requiring a special monitor. You can get adapters to connect other monitors to a G4 Cube. She was thinking that the Cube might be a good choice to ship to her friends in the islands but its passive cooling system would be a handicap in hot weather.

Jim Carey recommended the yourmaclife.com radio show

that is broadcast live on Wednesday nights. You can download archives of past shows from that site for later listening through iTunes or your iPod. Ed demonstrated the Marine Aquarium screensaver, a twenty dollar program. The demo version can be downloaded from the version tracker.com site. The registered version allows you to choose the fish you want to display in their realistic 3-D environment. At the MugCenter web site, user group members can find special vendor offers. User group members need to contact their user group leaders to obtain the codes necessary to get the offers.



Program Notes

Jim Carey and Ed Benninghove presented the August program which covered the features of using a .mac account. A subscription costs \$99.95 per year but you may be eligible for a discount if purchased when purchasing a new Mac. You will gain access to some features with OS 9.2 and additional features are available to OS X users. They logged into KeyMac's account and brought up the club's iDisk. Jim explained how board members use the iDisk space to store and transfer KeyMac files that might be larger than some ISPs allow as e-mail attachments. Once stored on iDisk, board members can log in and download these

files from the iDisk folder that displays on their desktop. If you download the free iDisk Utility program, you can access the Public area of anyone's iDisk if you know the address and the password, if one is assigned. This can even be done from a PC.

The next area of .mac that was explored was the Learning Center. This area's content is periodically changed with how-to help and videos to explain how to use different features of .mac and the iLife applications. A nice feature of .mac is Virex security software. It can be set up to automatically download the latest virus definition updates. You also get Backup software that can be used to simplify backups to internal CD-R or DVD-R drives or to iDisk.

You can use the available iSync software in conjunction with a .mac account to synchronize Safari bookmarks, Address Book contacts, and iCal calendars and to do lists between multiple Macs. Using .mac Mail, e-mail from other POP mail accounts can be accessed. You would probably want to leave this mail on the server when accessing it with a browser. The .mac Slides Publisher can be used to create a slide show from your iPhoto library. Early versions of Safari did not work with iCards but that issue has been fixed with Safari 1.0v85. The Home Page area has added some new frames for pictures you wish to publish on your web site. You also get access to other software with a .mac account. It is loaded onto your iDisk by Apple and does not count toward your disk space limit. Ed demonstrated one of the available games which looked like fun. Thanks to Jim and Ed's preview of the .mac features, more of us may be considering membership. ☺

by Keith Cooper
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Building ColorSync Profiles Using PrintFIX

In the first installment of this article I discussed some of the advantages that, as a Mac user, you receive from having ColorSync on your machine (see "Improving Your Mac's Colour" in in last month's newsletter). The color profiles that come with your printer are often quite good, but are really intended only for use with the manufacturer's own inks and papers. For best results the profile must be matched to each ink/paper/printer combination you use. How do you acquire these custom profiles? You can pay a professional to generate profiles for you, or you can generate your own, as I did recently with a product called PrintFIX. What follows may seem complex, but don't forget that, once created, custom profiles can benefit an iPhoto user just as much as a pro photographer.

<<http://db.tidbits.com/getbits.acgi?tbart=07259>>

Where Do Printer Profiles Come From? The profile for any particular ink/paper combination is specific to an individual printer. If you print out a test image containing many known colours and then measure the results, you can build up a translation table between what you want and what you printed (part of the profile). To build an accurate profile you need lots of coloured patches and a highly accurate means of measuring them. There are specialists who can make profiles for you, such as Pixl.

<http://www.pixl.dk/index_eng.htm>

Accurate hardware for colour measurement is not cheap, and profile building requires skill and expertise. If you are planning to make lots of prints with a particular printer/ink/paper combination, it's worthwhile to look at having a professional profile made. They'll send you a target file (or files) containing lots of coloured test patches. After you print and return the results, they'll build your custom profile and send it back to you for use with your printing setup.

PrintFIX: Do It Yourself Profiles — As a photographer and teacher, however, I was looking for a cheaper way of profiling that I could also use to demonstrate some of the principles of colour management to my students. A number of solutions are available, but most cost more than I was willing to pay. Instead, I tested out ColorVision's \$350 PrintFIX printer profiling system. It is a combination of software and a small USB-based scanner that scans test print patches that you've printed on your target printer with a your chosen ink and paper. It works as a plug-in from within Photoshop or Photoshop Elements (the pair of which I'll refer to as Photoshop for brevity).

<http://www.colorvision.com/store/print_gpu125.shtml>

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Building ColorSync Profiles Using PrintFIX

ColorVision lists currently supported printers - generally higher end Epson color inkjets - on their Web site (check the Requirements tab in the page linked above). Beware - if your printer is not supported, the PrintFIX solution won't work! Fortunately there is a form on the ColorVision Web site where you can suggest models for them to support.

<http://www.colorcal.com/store/print_gpu125_printers.shtml >

Using the PrintFIX plug-in, you select and print one of the supplied target images, which contains 729 tiny colour patches. After the print has dried, you run it through the PrintFIX scanner to create a scanned image in Photoshop of how the printer reproduced the 729 different colours. To build your profile, the software compares this image to what it knows should have been produced.

To illustrate this process, consider what happens with one individual colour patch. The original target color (it's what we are aiming for - hence the term "target") in our example is a particular bright red. The printer lays down what it believes are the appropriate inks on the paper you've chosen, creating a reddish patch on the paper. PrintFIX compares the color value from the scan with the values it expects to find from that patch to arrive at one sample of how the printer represents the colours it is given. Replicating this process for each of the 729 color patches provides the information for the software to make a profile.

After the PrintFIX software has done its job, it invites you to name your new profile. You may be producing several prints and

profiles to refine the accuracy of the devices, so give the profile a meaningful name. Then, quit and restart Photoshop so it recognizes your new profile. If you like, you can use the ColorSync Utility (detailed in last week's article) to view your new profile. It will probably appear as a somewhat different shape when compared with the manufacturer's profiles, partly due to the fact that it shows the range of colours that your printer/ink/paper combination can actually represent, as opposed to the manufacturer's predictions.

The Results – PrintFIX includes a convenient test image for you to test your profile. At this stage it's best to use one like this rather than a photo of your own, since a lot of work has gone into making this particular test image extremely accurate. The test image is akin to a complex version of the old TV test card; it has objects and people on it to provide a range of tones and colours that will highlight any deficiencies in your printer. A copy of the royalty-free test image (a 630K download) is available at the link below if you want to see how well your current printer handles it.

<http://www.northlight-it.com/files/Test_Image.zip >

Using an Epson Stylus Photo 1290S printer, I compared the same print on Epson Premium Glossy Photo Paper using first the Epson PGPP profile and then my custom PrintFIX profile. I also compared two versions of the same print on a generic matte photo paper using the Epson Photo paper profile and another custom PrintFIX profile.

<<http://www.epson.co.uk/product/printers/photo/styphoto1290s/> >

Overall, both PrintFIX profiles were better than the Epson profiles. The saturation of colors was excellent, with yellows in particular being much better than the Epson profiles. The PrintFIX results weren't perfect, though, looking slightly too

green in the highlights and a little light, compared to the image on my calibrated monitor and how I thought the picture should look. The deficiencies were minor though, and by going back to my scanned target image I was able to make minor adjustments to the PrintFIX software's profile generation settings to clean up the profile. (For more results, with pictures, visit the page at my Web site linked below.)

<<http://www.northlight-images.co.uk/printfix1.html> >

PrintFIX Conclusions – I was happy with most of my custom profiles after a minimal amount of tweaking. To achieve the best print results with third party inks and papers you need a custom profile, and PrintFIX didn't let me down. I tested several generic papers and got noticeably better results than using any of the profiles from the printer manufacturers. I will be using it as part of my photography teaching, where being able to make and use a profile should help explain some aspects of colour management, which is one of the harder concepts for students to grasp when moving to digital photography.

I can see the PrintFIX as a useful resource for photo clubs, enabling people to try out profiling on their own printers. It would also be perfect for testing new printer/ink/paper combinations for short print runs, where the expense of creating a custom professional profile is not justified.

One downside is that black and white printing can be somewhat hit-and-miss. Creating good black and white profiles (neutral greys) requires extremely precise measurement with accurate equipment, which ColorVision freely acknowledges is beyond the capabilities of PrintFIX. You might get a good greyscale, but then again you might not. Since much of my photography is black and white, I have another printer set aside for black and white, using specialized inks.

If accuracy is all-important and you will be producing large numbers of prints on the same printer with the same ink and paper, you can't beat buying a good profile from a reputable profile maker.

Through 30-Sep-03, ColorVision is bundling a copy of its DoctorPRO software with the PrintFIX package. DoctorPRO offers considerably more advanced adjustment of profiles, but requires a much greater level of Photoshop expertise and understanding of colour management. (See the extended PrintFIX coverage on my site for more details about DoctorPRO.)

Getting Your Colour Fix — Despite the fact that you can pay hundreds of dollars for a custom profile built by a professional, profile building is not an arcane guild secret.


Thanks to PrintFIX, it's possible to create very good profiles with a do-it-yourself approach. Certainly, any potential purchaser should have realistic expectations and be aware of the product's limitations, but it is reassuring to see that ColorVision offers a money-back guarantee. So, if you're not happy with the colour of the photos you're printing, I'd encourage you to learn a little more about the world of colour management (try these Web sites below) and see if you can use the PrintFIX to create your own custom profiles.

<<http://www.computer-darkroom.com/> >

<<http://www.adobe.com/support/techguides/color/colormanagement/main.html> >

<<http://www.photoshopforphotographers.com/colormanage.htm> >

<http://www.color.org/info_profiles2.html >

[Keith Cooper is a photographer and long time Mac consultant. He also teaches photography and digital imaging to adult classes. More photography and Mac information can be found at his Web site.] 

by Adam C. Engst
<ace@tidbits.com>

Mac OS X Scrolling Tips

Do we take anything more for granted than scrolling in a window that's too small to show its entire contents? Well, breathing probably outranks scrolling, but most of us don't spend much time thinking about how we scroll. Read these tips to learn how to go beyond the basics of the scroll bar and obvious navigation keys like the arrows, Home and End, and Page Up and Page Down. And all this comes without spending a dime on a scroll wheel-enabled mouse, helpful though such a critter might be.

Double Arrow Scroll Bars —

Apple's default settings for scroll bars have never made sense. The settings are happy to let you put single arrows on either end of the scroll bar (an up arrow at the top and a down arrow at the bottom), or to place double arrows on one end of the scroll bar (both up and down arrows at the bottom of the scroll bar). But Apple doesn't reveal the obvious third choice of double arrows at both ends of the scroll bar, even though the necessary code has long been built into the classic Mac OS and Mac OS X.

In Mac OS 8.5 through Mac OS 9 (and for Classic applications in Mac OS X), Tom Schmidt's freeware Scroll Bars (5.6K download) lets you enable double arrows at each end of scroll bars. In Mac OS X, you can use Marcel Bresink's free TinkerTool 2 (480K download) to enable double arrows at each end of scroll bars (along with many other cool features).

<<http://homepage.mac.com/TomDar2/software.html> >

<<http://www.bresink.de/osx/TinkerTool2.html> >

If you're not bothered by the command line, a quick Unix command will give you double scroll arrows even faster than downloading and using TinkerTool. Just run the Terminal and paste the following line in at the prompt (I assume you need an administrator-level account to do this). Then log out and log back in or restart your Mac to start using the double arrows.

```
defaults write "Apple Global Domain" AppleScrollBarVariant DoubleBoth
```

If you decide you don't like the double scroll arrows, you can switch back to one of Apple's defaults using the Appearance control panel's Options tab in Mac OS 9 (most easily accessible from the Apple menu when you're in a Classic application in Mac OS X) or via Mac OS X's General preferences pane.

Jump Scrolling — In particularly long documents, scrolling can become tedious, which may account for why Apple added a new option for what happens when you click in an empty part of the scroll bar. Traditionally, the document scrolls to the next page, which is easily understandable and gives you a large target when choosing where in the scroll bar to click. In Mac OS X's General preferences pane you can now also choose a mode in which clicking in the scroll bar scrolls the document not a page, but to the location in the document that corresponds with your click. So, if you're at the top of your document and you click halfway down, your document scrolls to roughly the halfway point. Click again at the bottom of

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Mac OS X Scrolling Tips

the scroll bar and you scroll all the way down instantly. This mode works for Cocoa and Carbon applications, but not for Classic applications.

Honestly, I have this option turned on for one of my Macs, and it drives me batty, since I must constantly evaluate how long my document is and try to imagine what location in the scroll bar corresponds with the desired spot in the window. Luckily, there's a way to use this feature just when it can be most helpful.

Stick with the normal scroll-by-page approach, but when you want to perform a hyperspace jumps to a specific location in a long document, Option-click in the scroll bar for a one-time jump to that location. I find this technique particularly useful in iPhoto, since scrolling around thousands of photos takes forever. I use Option-click to jump near the location I want, and then click normally to scroll the remaining short distance.

Application Drag and Space Scrolling — Look for alternate ways of scrolling in some applications by clicking and dragging, or by pressing the spacebar. These methods are common, but not universally supported. For instance, hold down Command-Option when using a Finder window in icon view, and you can then click inside the window and drag to scroll its contents.

In Adobe Acrobat (at least version 5.0), you can drag to scroll when using the hand tool, as long as either you're zoomed in to see less than a page at a time or your Display preferences are set to use one of the Continuous page layout options. You can also change this on a per-document basis from the View menu, if you prefer Single

Page layout normally, but occasionally want to scroll by dragging. The same is true for Apple's Preview - choose Continuous Scrolling in the View menu to enable drag scrolling.

<<http://www.adobe.com/products/acrobat/>>

Don't like downloading a PDF just to see if it's something you might want to read more carefully? Try Manfred Schubert's PDF Browser Plugin, which provides PDF viewing in Safari and some other Web browsers. Why do I mention it in this context? Because it provides drag-scrolling of PDF files by default inside your Web browser's window. It also lets you save PDF files or open them in another PDF viewer like Acrobat Reader.

<<http://www.schubert-it.com/pluginpdf/>>

Lastly, don't forget the unassuming spacebar. Since the dawn of time (or at least the dawn of the keyboard), Internet applications that were

primarily about reading text, such as e-mail clients, Usenet newsreaders, and, later, Web browsers, have used the spacebar as a shortcut for scrolling down in long pieces of text. It works in Eudora, Mail (in the preview pane), Entourage, Safari, Internet Explorer, Camino, Preview, and many more. Less common is support for scrolling back up in documents; in Entourage, Mail, and Safari you can use Shift-spacebar; in Internet Explorer it's Option-spacebar. I can't guarantee that the specific applications you use for reading Internet content will support spacebar scrolling, but it's likely, and certainly worth investigating.

Scrolling, Scrolling, Scrolling —

I'm not saying that you should put a lot of thought into how you scroll around in Mac OS X, just that with small amount of one-time effort, you can learn a few new tricks that make it even easier to use your Mac when you can't see the entire contents of a window at once. ☺

by **Tim Sullivan**

Rumors and Reality

Around Apple

- Rumor on the internet is that G5s are delayed because schools have first dibs. News from Virginia Tech seems to confirm this. The school is getting 1,100 of the machines that will be used as part of a super-computer cluster now under construction.

The computers will be linked in a cluster. Clusters consist of hundreds or thousands of computers in order to take on massive projects. In this case the cluster will be used to perform research on nanoscale electronics, chemistry, aerodynamics, molecular statics, computational acoustics and molecular modeling, among other tasks.

- Expect G3 powered iBooks for a while yet. There's still life in that chip. Improvements in memory bandwidth, AltiVec support, clock speeds particularly taking into account performance-per-clock-cycle, temperature/power drain relative to performance are still in the offing. The temperature/power drain issue is very important in laptops; the G3 is much better than the G4.

- Faster hard disks may be in the future for powerbooks. Currently Apple offers only 4200RPM hard disks in its laptops. Faster drives are reportedly being ordered by Apple. We can expect 5400RPM/

16MB cache Toshiba drives and even 7200RPM/8MB cache Hitachi disks in high-end Powerbooks, perhaps as soon as next year.

Wi-Fi on the rails. A California rail commuter line is offering, on a trial basis, Wi-Fi to its 1,300 passengers on the hour long commute between Stockton and San Jose. (Yes, some people actually spend that much time commuting.)

Similar systems have been set up for train riders between Montreal and Toronto. Virgin Trains also expects to announce Wi-Fi service plans for its London-area commuters later this year.

Powerbook Adapters: When electrical equipment cycles on or is switch on, a very short burst of high voltage pulse is sent through the household wiring. The voltage can reach 4,000 volts. This is enough to burn out unprotected powerbook adapters. The important word here is "unprotected."

If you have any concerns, purchase an "interference suppressors" that are just powdered iron cores that snap around the cable in question. These can be purchased at electronic supply stores such as Radio Shack. Or use a surge suppressor power strip that also has "EMI" (electromagnetic interference) filtering.

For Boston, some good news and some bad news. The 2004 Expo will be held in Boston, but Apple will not support it.

(What was that all about last month? Boston or New York. Maybe just a marketing ploy to squeeze more out of Boston.)

Steve Jobs will deliver the opening keynote address at Apple Expo 2003 in Paris on Tuesday, September 16 at 10:00 a.m. CET. Apple Expo 2003 will be held at the Paris Expo in Porte de Versailles, September 16-20.

Virtual PC 6.1 does not work with the new G5s. PowerPC G3 and G4 processors contained a feature called 'pseudo little-endian mode.' G5's do not. Virtual PC used this mode. Expect a software upgrade next year sometime.

News by e-mail is available from several sources. Some services have a monthly subscription fee; some don't. Some allow customization; some don't. Generally speaking there is a minimal amount of advertising, if any.

A sampling for news junkies in a hurry:

- google <<http://www.google.com/newsalerts>>, free at this time. Accesses over 4,500 news sources. Allows customization.
- New York Times <<https://query.nytimes.com/mem/tntsell.html>>, costs \$19.95 per year, allows customization.

The New York Times <<http://www.nytimes.com/mem/profile.html>> also provides a free topics service. Choose from among the following areas of interest:

- National
 - Washington
 - Daily featured section
 - International
 - Sports
 - Op-Ed
 - Business
 - Arts
 - Editorial
 - Technology
 - NY Region
- CNN <<http://www.cnn.com/services/preferences/>>, free topics.
 - Breaking News
 - The latest top news stories including business, sports, entertainment and more, plus your local weather and special features

Weekly E-mails

- Politics
- Health ~~Wek~~
- Law ~~Wtch~~
- Computer Connection
- U.S. Storm ~~Wtch~~
- Space Update

CNN Prime Time

- Larry King Live
- ~~Cossfire~~
- Late Edition with ~~Wlf~~ Blitzer
- NewsNight with Aaron Brown
- Inside Politics
- On The Story
- ~~T~~night on CNN
- ~~Wlf~~ Blitzer Reports
- Next@CNN

- yahoo <<http://alerts.yahoo.com/>> free, some customization
 - Best Fares
 - Missing Children
 - Weather
 - Horoscopes
 - News
 - Stock

iTunes on eBay are a no-no. eBay has halted the auction of music downloaded from the iTunes site.

Lightening strike got you down? (I told you so... power down and unplug during a lightening storm, or else.) If your G4 died during an electrical storm, try pushing the G4 PMU (Power Management Unit) Reset button (a round gray button) near the battery on the main logic board. Don't get carried away. Repeatedly pressing the button can damage the PRAM battery.

Textured pictures: TensorTexture, an image-based texture mapping technique, is still experimental, but it seems to have the capability of adding 3-D textures to images displayed on a monitor.

Adding texture will greatly enhance the information contained in online viewing, especially in shopping catalogs. Rather than flat images, materials come alive. The method is the first that appears to be practical for everyday use. ☺

September Software Review

If you collect information from the internet, you need some sort of filing system. Perhaps I should just say "system."

Assuming that you collect stuff infrequently, there's the junk-pile system. Select the text, drag it to the desktop as a text clipping, which can then be filed in your junk folder. The clipping even gets a short title automatically.

A second method involves copying and pasting text into a word processor, such as Appleworks.

There is a third method, using the Services feature in Mac OS. Services is one of those delightful unadvertised specials in the Mac operating system. Some applications make use of the feature. It's a little like balloon help; it has to be programmed in. Safari does make use Services. Store Xnippets in your Applications folder and restart. Then when you find some text on a web site using Safari just select the text and choose Safari>Services>Xnippets>Save as Xnippet. The text instantly pops up in the Xnippets window, using the first few words of the text as the document name.



Xnippets 1.1
<http://www.mactelligence.com/software/xnippets/index.html>

Xnippets allows you to capture and organize all those little items of information that you

want to store and have easy access to. If you have ever read a web page (or an e-mail) and seen something that you wished you could quickly save for later, Xnippets is for you. Unlike Stickies or the NotePad, Xnippets allows you to store your entries by name, in a hierarchical list, making it easy to categorize and later find any item. It also leverages Mac OS X's services, to allow you to save and retrieve Xnippets from within other applications.



StickyBrain X 2.0.2
http://chronos.iserver.net/&/products/sb_index.html

Store anything and find anything with one click. It's fast. It's easy. And best of all, you don't have to be organized to use it.

StickyBrain elegantly handles all the miscellaneous tidbits of information which don't cleanly fit in other software programs like your contact manager or word processor. Rather than have this information scattered everywhere including on your desk, StickyBrain provides the central location for it all.

Imagine, for example, having all your Hawaii vacation research stored in a single searchable location. Store and find with one click the biking maps of Maui your friend Jane sent you or the web article detailing what to see by bike in Hawaii. Perhaps, you also want to create a list of items to pack for your vacation.



DEVONthink 1.7.1
<http://www.devontechnologies.com/products/>

devonthink.php

Do you need a notepad? An outliner? A freeform database, an information manager, an archive? Or perhaps a bookmark manager or an image database? Do you want to get your office paper-free? All this and much, much more is DEVONthink, your "supplementary brain". DEVONthink is based on our revolutionary DEVON-technology, handles more data types than most other applications and is lightning fast. DEVONthink stores your text or code fragments with just one mouse click via its Mac OS X service.

Based on our revolutionary DEVONtechnology, DEVONthink is an information manager capable of intelligently storing and organizing all types of data, text files, PDFs and images. Put in whatever you want, organize it, let DEVONthink search for it. And with its integrated text and RTF editor you can even use it not only to enter short notes but to write letters, articles, books. Comfortable highlighting functions and character/word counters will help you, not to forget the split-screen view for navigating and editing even thousands of documents almost instantly.

DEVONthink stores Internet bookmarks and lets you organize them in any way you want. Also, it inserts some quite convenient commands into the Mac OS X services menu to store selected text, e.g. in a web page, directly in DEVONthink, look up a selected word or phrase and summarize text intelligently (not like Apple's summarize service.)

DEVONthink is available in three flavors: for personal use (Personal Edition, PE), professional use (Standard Edition, SE) and as a client/server system for small- to medium-sized companies (Enterprise Edition, EE).



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.

Security Update 2003-08-14 v.1.0 (Client)

2003-08-14

Requirements

- Mac OS X 10.2.6 Client

Security Update 2003-08-14 addresses a potential vulnerability in the `fb_realpath()` function which could allow a local or remote user to gain unauthorized root privileges to a system.

AirPort Extreme Firmware

5.1.1

2003-08-06

Requirements

- AirPort 3.1.1 recommended
- AirPort Extreme Base Station

New AirPort Extreme Base Station features:

- Compliant with the final IEEE 802.11g specification
- Base station Interference Robustness, which provides improved performance when 2.4GHz devices like cordless phones and wireless video distribution system cause significant interference with the AirPort network.
- Automatic channel selection allows the base station to find the most appropriate channel to use whenever it is restarted.
- Simpler Wireless Distribution System (WDS) setup experience in AirPort Admin Utility

- Administrators have the ability to set the DHCP range on their base station when NAT is on

- Performance improvements between wired and wireless clients.

AirPort 3.1.1 for Mac OS X 2003-08-06

Requirements

- Mac OS X 10.2.6
- an AirPort-ready computer with an internal AirPort Card

The AirPort Software Update 3.1.1 software release supports both AirPort Extreme and AirPort products.

New to AirPort 3.1.1:

- Continued performance improvements between wired and wireless clients
- Improved handling of multicast traffic on LANs
- Provides consistent DMZ/Default Host behavior with NAT/DHCP base station configurations
- Support for selecting NAT/DHCP alternate addressing when accessing base station via the PPP dial-in feature
- Improved performance when NAT leases are renewed for the base station

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To join Keystone MacCentral, mail this form with your membership dues (payable to Keystone MacCentral) to:

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/>

Back to School 101



Tonight we will present the first half of a program, OS X basics, as presented by a Technical Training DVD produced by the folks at Tackyshirt, Inc. This program is for all Mac users, beginner through power user.

Gannett Fleming

Gannett West Building
209 Senate Avenue • Camp Hill

Tuesday, September 16, 2003, 6:30 p.m.

Attendance is free and open to all interested persons.