

printout

Keystone MacCentral Macintosh Users Group ♦ <http://www.keystonemac.com>



The Right Lens for the Subject

Jim Carey will talk about choosing the right lens to use depending on your subject. Your photography may be improved depending on your choice. Of interest to anyone who likes taking photographs, as opposed to snapshots, this will be especially helpful to those who have cameras that use interchangeable lens. Check it out on October 16th. 📷

Meet us at

Giant Food

Corner of Trindle Road & 32nd St (Route 15)
3301 East Trindle Road, Camp Hill, PA 17011

Tuesday, October 16, 2012 6:30 p.m.

Attendance is free and open to all interested persons.

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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 © 2012, Keystone MacCentral, 305 Somerset Drive, Shiresmanstown, PA 17011.

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Keystone MacCentral Essentials

Meeting Place

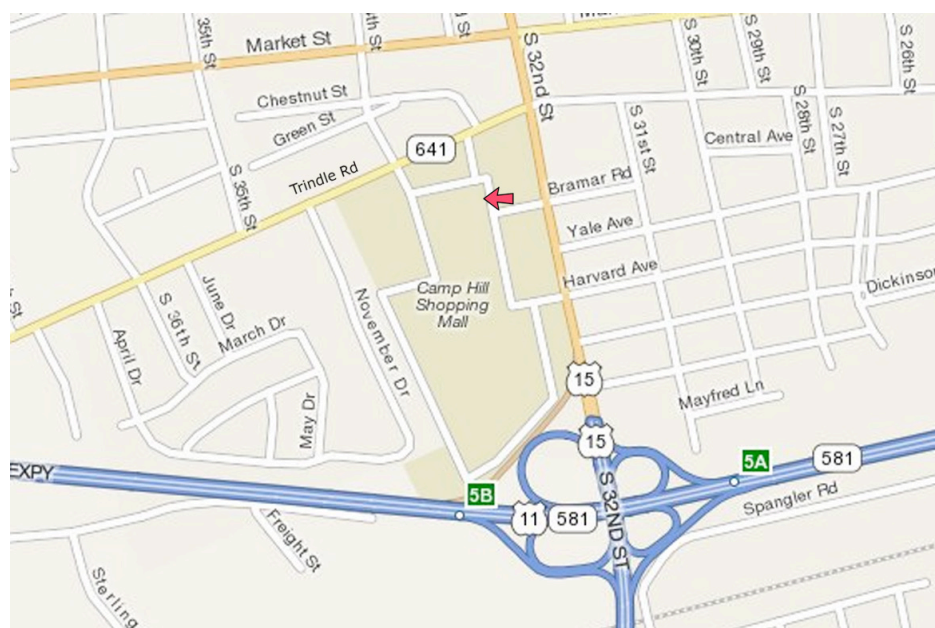
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Camp Hill

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President's Corner

We had a great meeting in September with a good turnout of members. I guess many of you were glad to welcome back KeyMac after our summer hiatus and showed up to express your enthusiasm for our meeting topics. I thank all of you and especially thank our presenters for sharing their expertise. Our October 16 meeting should also catch your attention as Jim has agreed to present a show that should help us all improve our digital photography by teaching us how to choose the right lens for the photo op. If you are interested in digital photography, and I know that most of us are, then don't miss KeyMac's October meeting.

On another note, your officers have been discussing future meeting topics, and I thought of having a Mac Fix-it meeting, sort of an extended Q&A session, where members would bring in Mac items that need to be fixed and thus benefit from others' expertise. For example, I bought more RAM at our auction but need to have it installed in my

MacBook Pro. Just how hard is this process? How can I find out what is involved in the installation? Is there a place I can go to see a video online? What tools will I need? What are the possible problems in doing it myself? See what I mean? We can show all of you how to do the research before doing the installation. However, learning how to install RAM is not sufficient as a meeting topic. Do any of you have similar Mac Fix-it needs and will you be willing to bring in the items and make them part of a meeting topic? If so, please let me know at our October meeting so we can plan accordingly for November.

I hope to see you all at 6:30 on October 16 at the Community Center of the Camp Hill Giant. Please remember that you are welcome to purchase food and/or drink downstairs and bring it to the meeting. Oh, and if you know someone who is not a member of KeyMac but who does have an interest in photography, bring him/her along too! 📷

One year ago...



TO BE HONEST, MR. JOBS, THE LAST TIME AN APPLE CAUSED SO MUCH EXCITEMENT AROUND HERE INVOLVED ADAM, EVE AND A SNAKE...

Keystone MacCentral Minutes

September 18, 2012

Business Meeting

President Linda Cober welcomed members and guests to the September KeyMac meeting, our first after summer hiatus. Webmaster Tom Bank II suggested that members "like" us on our Facebook page so they can get the regular updates that he posts. Tim Sullivan reported on the new and renewing members who paid over the summer. Some of those new members were in attendance.

Q&A & Comments

Someone mentioned having a problem with a Magic Mouse working with Bluetooth. You could encounter problems if you try to connect more than one device. Tom Owad suggested opening the Bluetooth System preference pane and removing the troublesome device and then adding it back to the list of devices in that pane.

Someone asked about using Mountain Lion on more than one Mac, because they did not want to download it more than once. Mountain Lion is usable on up to five Macs.

Linda Cober mentioned that Pages '11 cannot save files back to the '09 version. You can use the Share menu in Pages to discover some export options that might work for you. There is also a security option to add a password that would then be required to open a file.

Program Notes

Wendy Adams was the presenter for our program further delving into the intricacies of Adobe Lightroom 3. She explained that Lightroom is a library system for graphic files that includes tags to facilitate easier searching.

Wendy likes to experiment with presets, adjustments that can be applied to photos. Lightroom comes with a group of presets built in. The Develop module in Lightroom can be used to create your own presets. There are also many groups of presets available online, some of which are free and others that are commercial.

Wendy navigated to the [My Four Hens web site](#) to show us examples of some of those presets. She had purchased their Harmony set of presets while it was on sale. One of our members noted that Lightroom 3 presets should work with Lightroom 4, an update that has been released. Someone else mentioned that a good tutorial on using presets was available at the [Lynda.com web site](#).

Wendy explained that presets are only starting points for image adjustment. They can all be tweaked using the various settings options. Wendy demonstrated making vignettes and watermarks and how to include those watermarks in exported photos. Wendy showed us some examples of her work that she has posted to her flickr account, and how good photos can be with the proper adjustments.

In the second part of the evening's program, Tom Owad reviewed some of the features of Mountain Lion. Reminders come from iCal. Notes works with iCloud. Messages replaces iChat. The Notification Center works in a similar way to Growl.

Tom explained that Power Nap can allow your Mac to install updates when it is in sleep mode. Dictation works to convert speech into text. Tim Sullivan has had some positive experience with that. The Share button is found in most programs in Mountain Lion.

Mountain Lion includes AirPlay mirroring capability to put what is on your Mac's screen onto your HDTV screen, using the New AppleTV box. Gatekeeper makes downloading apps safer, if you choose the option to allow downloads only from the Mac App Store or from identified developers.

Finally, Eric Adams demonstrated how to use Dropbox. The KeyMac board uses this service to post and share files since the demise of iDisk. He showed how to put a file into the Public Folder for sharing. You then create a hyperlink to that file which you can send to any intended recipients so they can download it. ☺



Examining Maps in the Wake of Tim Cook's Apology

Since the release of iOS 6, the Internet has been [overrun with criticisms](#) of Apple's new Maps app, which replaces the previous Google Maps-driven Maps app with entirely new code and data. Most notably, Apple's new Maps suffers from incomplete and incorrect data and imagery, and lacks the transit directions that many people relied upon in Google Maps. Even more troubling for some people was the loss of saved locations without warning of any sort – one of our readers was particularly distraught to lose numerous saved locations of sentimental places in her life, built up in Maps over time since her first iPhone.

The criticism reached a sufficient pitch that Apple CEO Tim Cook, much as Steve Jobs did in similar situations, has released a [public letter](#) addressing the topic. In the letter, Cook acknowledges the problems, apologizes for the frustration it has caused iOS users, recommends that users try alternative apps and Web-based services, and promises that Apple will improve Maps.

Unsurprisingly, Cook paints Apple's decision to replace the long-standing Maps app as driven by the desire to add features that weren't possible with the old app. Hidden behind that statement are competitive agendas that may never be fully known, with Apple reportedly complaining that Google wasn't bringing features like turn-by-turn directions and vector-based maps to the iPhone version of Maps long after those features had appeared on Android phones. But Apple didn't have to make the move now either; [The Verge](#) reports that Apple's contract with Google for Google Maps had over a year left. What's unclear is which company was actually responsible for the Maps app, and whether the contract precluded the addition of new features.

More generally, Apple is congenitally uncomfortable with being reliant on other companies for core capabilities of its products, and that's especially true with competitors like Google. (Also dropped in iOS 6 was the bundled YouTube app, which had failed to keep pace with YouTube changes, though Google quickly pushed out a [new YouTube app](#) for the iPhone.)

So what lessons are there to be learned from the Maps debacle, and what should we think about it? (Thanks to everyone who contributed to the [TidBITS Talk discussion](#) about Maps, where many opinions were aired, and which informed some of my thinking on this topic.)

Clearly, Apple screwed up here. Creating a mapping service is unquestionably a Herculean task, and when Google

Maps debuted, it certainly suffered from its share of embarrassing errors and omissions. But given how Apple featured Maps in iOS 6 presentations, it seems as though Apple executives failed to realize that the new Maps was not sufficiently mature. That's the charitable view; the less-charitable might think that Apple knew full well that the new Maps didn't measure up but felt that its limitations wouldn't hinder sales of iOS devices. The problems with Maps may not have slowed iPhone 5 sales, but they do make it harder to trust Apple in the future, and those who lost important saved locations feel even more let down.

It's important to realize that the new Maps doesn't exist in a vacuum. It can't be – and shouldn't be – evaluated solely on its own merits because it enters a world already populated by high-quality mapping services with which users have significant experience. We know what a mapping app can do, and should do, and Apple should have realized that they'd need to meet that basic level before launching. Perhaps there was no way to determine just how inaccurate it would be ahead of time (though Security Editor Rich Mogull found that the pre-release version of Maps had trouble even in Silicon Valley), but the lack of transit directions seems painfully obvious.

Should you use Maps? If you're just exploring an area remotely, certainly. If data accuracy isn't of paramount importance, as it is when actually navigating to an unfamiliar area, then Maps is fine. But if you have previously relied on Maps for directions, I encourage you to get an alternative mapping program or Web-based service, either to replace Maps in everyday use or to serve as a backup in case Maps lets you down. In my tests so far, Maps has performed adequately, though its spoken directions aren't as precise or helpful as Navigon's (read on).

During that time driving around Silicon Valley, Rich Mogull relied instead on [Navigon](#), which has just added Urban Guidance that considers public transit when calculating pedestrian routes, along with a Last Mile feature that automatically offers walking directions when you park near your destination. Navigon is my favorite GPS navigation app as well, thanks in part to its system for storing maps (where I drive, cellular coverage can be spotty) but breaking them up by location, so I don't have to waste gigabytes of space on one app. But there are many others, including the free [Waze](#) and [MapQuest](#), and the paid [MotionX](#), [Garmin StreetPilot](#), [CoPilot](#), and [TomTom](#). Plus, it seems likely that Google will eventually publish an independent Google Maps app for iOS; I can't imagine why Google

hasn't done so already, unless the delay is due to behind-the-scenes negotiations with Apple.

Of course, the new Maps can and will improve. Most of the problems revolve around the server side of the equation, and with over 100 million users searching for billions of locations per month, Apple will have unimaginable amounts of data with which to improve the mapping databases that underpin both the visual maps and directions. Could Apple have started collecting that data with the old Maps app, or was that data funneled only to Google? We may never know.

A significant way that Apple can improve Maps is when users report problems; if you tap the lower-right corner of the map display to reveal the settings, there's a link to Report a Problem; a similar button appears in the detail page for any point of interest. But some people are put out that a company with Apple's billions of dollars is seemingly relying on user efforts rather than providing better quality data to start. Others have pointed out that it's fairly clumsy

to report problems in iOS, as opposed to within a Web-based interface on a computer.

Speaking of a Web-based version of Maps, Apple does seem to be moving in that direction. Sharing a location from Maps generates a maps.apple.com URL, and while clicking that link currently redirects to Google Maps, I can't see Apple continuing to give Google that traffic and ad revenue going forward. Perhaps we'll see a Maps icon in the iCloud Web interface soon.

In the end, I think Apple released this new Maps prematurely, and the company deserves all the lumps it's receiving. That said, Tim Cook's apology was generally spot on, and a much-appreciated acknowledgement of problems the company caused through inattention and hubris. Let's hope that the apology is not just empty words, and the embarrassment causes Apple to refocus on software quality and reexamine policies that exist only to give Apple control rather than improving the experience for everyone in the ecosystem. 🐼

by Michael E. Cohen

Facebook Integration Comes to Mountain Lion

Unlike some cats you might know, Mountain Lion is a sociable beast, and with the 10.8.2 iteration it has become even more so by adding Facebook integration to its collection of big cat toys. This integration gives you the capability of making Facebook posts from Mountain Lion's Notification Center, from Game Center, and from the Share buttons in the Finder, in Safari, and in Quick Look windows. Plus, you'll be able to see all of your Facebook friends in your Contacts app and add their profile pictures to Contacts – if you so choose.

To bring Facebook into your OS X environment, take a trip to System Preferences and open the Mail, Contacts & Calendars preference pane. There you find Facebook as one of the account types listed on the right side of the preference pane. Click the Facebook logo in that list, enter your Facebook username (or the e-mail address you use to log into Facebook) and your Facebook password, and then click Next.

When you do that, you see a list of all the things you can do with Facebook. These include the following:

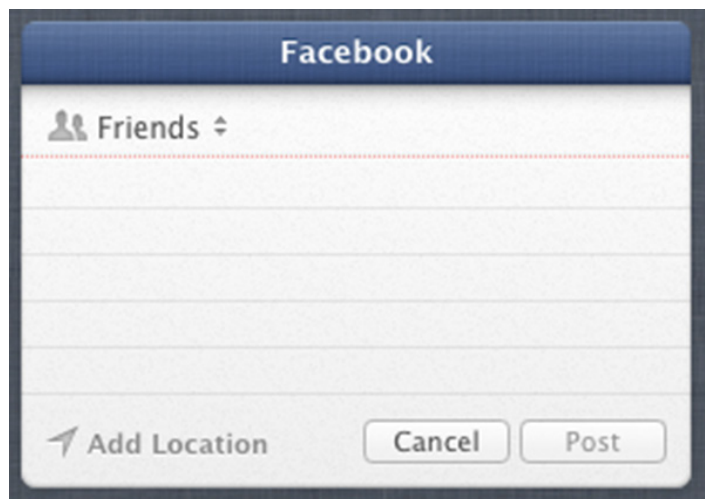
- Download and integrate your Facebook friends into the Contacts app
- Integrate Facebook into Notification Center and post links from various apps
- Enable other Facebook-savvy apps on your Mac to work with your Facebook account – only, Apple is careful to point out, with your consent

Following that list are various caveats and additional items of interest concerning the integration. For example, Apple points out that you can approve or deny any app's request to use your account, you can review what the requesting app purports to do with your account, you can grant the app permission to use information available to the app on your behalf in Facebook, and you can see (and specify) whether that information is available to just your Facebook friends, just you, or the entire Facebook community.



In the fine print, Apple also points out what granting Facebook access to your apps could entail; this is well worth reading and considering if you are at all concerned about maintaining a modicum of privacy while interacting with Facebook from Mountain Lion. But, if the fine print doesn't scare you off, click Sign In and you're ready to go... almost: the preference then presents a pane showing you the apps that have requested Facebook access. In my case, the only app listed was Contacts, and the default was to allow Facebook access to my Contacts list (I immediately unchecked it). Even if you don't allow Facebook access to your Contacts, you can still have Contacts look through your Facebook contacts and bring profile pictures from Facebook into your Contacts app and assign them to matching contacts if you like.

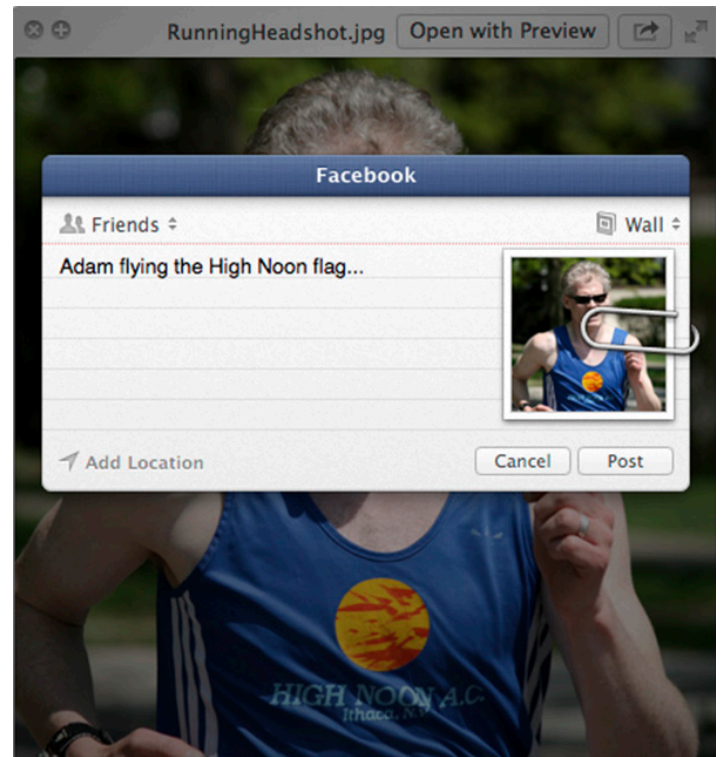
Posting to Facebook from Safari is much like posting to Twitter: click the Share button on the Safari toolbar and choose Facebook from the pop-up menu, compose your post, and click Post. Your post, along with the URL of the page you are viewing, are published as your current Facebook status. Similarly, posting from Notification Center is much like posting to Twitter from there; in fact, the Click to Tweet button at the top of the Notification Center now shares space with a Click to Post button for Facebook. (For this to work, you must have the Share button enabled in the Notifications preference pane; for details, see ["Going In Depth on Mountain Lion's Notifications,"](#) 11 September 2012.)



In both these cases, and, I imagine, in other situations where you can post to Facebook from a Mac app, you see a small pop-up menu at the top of the posting pane from which you can choose who gets to see your post. Choices include Public (i.e., everyone on Facebook), Friends, Only Me, Friends of Friends, and various other Facebook groups to which you may belong. In fact, this menu seems to me more obvious and informative than the one lurking at the bottom of the Facebook posting pane in Facebook's own Web interface.

Posting to Facebook from the Finder or the Quick Look window is a bit different, since you must first select a file, then click the Share button and choose Facebook from the

pop-up menu. But Facebook (and this is true for Twitter and Flickr as well) appears in the menu only if the file selected is a graphic file format, and you're given the additional option of posting the image to your Wall or to an existing Facebook album.



Facebook integration also includes notifications: when someone comments or likes a Facebook post of yours, or sends you a message via Facebook, Notification Center can let you know about it. You can configure Facebook in the Notifications preference pane to choose how you are notified in the usual ways – None, Banners, or Alerts – and you can specify how many Facebook items are listed in Notifications Center.

The integration that Apple and Facebook jointly provide in 10.8.2 seems to me to offer a good balance of utility and security. Whether you are only an occasional Facebook user or a complete Facebook addict, I suspect you'll like what the cat dragged in in the latest OS X update. 🐱



Pondering Cybersecurity in the Real World

About five minutes into U.S. Secretary of Homeland Security Janet Napolitano's speech to a large banquet hall full of security professionals, watching her over the plated tiramisu I was socially restrained from eating, I was struck by the mental image of 2,000 Dobermans sitting patiently in rows, each with a doggie treat balanced on its nose.

The speech was long and unilluminating, and the tiramisu tasted like it came out of the world's largest Sara Lee box, but even bad tiramisu is better than no tiramisu.

Napolitano was addressing the combined conventions of [ASIS](#) and [ISC2](#), which aren't officially acronyms, but which focus on generalized security issues and information security respectively. My press pass admitted me to a dizzying and somewhat chilling [range of talks and panel discussions](#); for example, one afternoon's "Security in the Cloud" was counter-programmed against "Analyzing Verbal Statements" and "Mass Homicides in the Workplace."

I'll freely admit: it's odd to be at this conference. On the one hand, any number of private companies and governmental organizations have serious security concerns, and you would expect (and want) professionals in the industry to band together to share best practices or take certification programs. On the other hand, the category list of the exhibit floor reads like the signs at the Post-9/11 World Office Depot: Access Control, Biometrics, Blast Mitigation, Bullet Resistant Systems, Citywide CCTV, and so on. Browsing through the catalog, I found a full-page ad encouraging exhibitors to advertise in two security trade periodicals in India – "a US\$1 billion... huge opportunity." This is why I'm opening with coverage of how the security industry talks to itself, with the impressions I got from Napolitano's speech.

By way of introduction, suppose you asked a Mac expert, "Hey, how safe is my hard drive?" Almost all of us will say, "Extremely reliable," especially if we've been around long enough to remember Jaz cartridges, floppy disks, or even punch cards. But we experts will all immediately add, "but be sure to back up regularly, preferably in several different ways." That's because the expert is considering everything ranging from hardware crashes and firmware malfunctions to theft and fires.

A file on a hard drive or SSD can be rendered unreadable by a cosmic ray from outer space. [Yes, really](#) (PDF). When dealing with that kind of problem, security experts develop a healthy sense of paranoia, and that's what you pay them for, so you can take just the sensible precautions and get on with your life.

Now ramp that up so instead of dealing specifically with computer security, you're approaching all kinds of security

threats, including small arms and large conventional explosives. It's natural to want to have experts in society whose job it is to protect against these attacks, and to have well-informed laypeople know what to do in the event of trouble. But at the same time, it's smart to be aware of whether assessing everyone as a potential threat can lead to the sort of professional paranoia that computer experts have about cosmic rays and electromagnetic fields.

This brings me to Napolitano's speech. I'm on record criticizing political speeches to expert communities (see "[CFP 2011: Shine On, You Crazy Senator!](#)," 16 June 2011), and here I was disappointed by more of the same: congratulating the audience on being themselves, without discussing the topic at an expert level. Public-private partnerships are crucial to the nation's security, and the assembled experts in the room are an important part of that. The Department of Homeland Security (DHS) is working with private companies and nonprofit organizations to protect national infrastructure and promote cybersecurity. The DHS Computer Emergency Response Team (CERT) responded to over 100,000 incidents last year and issued over 5,000 alerts.

Napolitano opened her speech by calling cybersecurity "one of the most" important issues facing the nation, but closed in a less-qualified way, saying (I'm forced to paraphrase here) that these virtual attacks are the biggest threat we face. As I see it, there are three ways we can respond to such a statement.

First, we can be very scared by this – surely our biggest threat must be countered by the public and private groups who protect us – and we can invest large amounts of time, money, and resources into protection.

I'm not going to argue against this – but at the same time, some problems shouldn't be solved with billion-dollar hardware. The best encryption in the world won't help you [when you don't bother to use it at all](#). Critical infrastructure attacks over the Internet [are up 17-fold](#) – to which one might justly reply, "Wait, why exactly is a power grid control system connected to the Internet at all, rather than being isolated on a private network?"

More to the point, without some details about the 160 attacks on "critical infrastructure" in 2011, it's impossible to evaluate whether the solution is stronger hardware, better training, or advanced deep-breathing relaxation techniques. Some Internet attacks are the equivalent of trying a door handle to see if it's unlocked. These might be targeted against millions of computers in numeric sequence, and happen to include "critical infrastructure" only by accident.

Or an attack could be directed at specific targets with dozens of distributed expert criminals trying to crack into a particular control system. That's a different kettle of "phish." I think Napolitano's subtext is to say that CERT's 100,000 incidents are in this category, and we should all be very, very worried. But the track record of several administrations is to lump both meaningless and terrifying attacks together into the biggest possible number, which leaves me skeptical of sweeping statements about the risks we actually face.

Second, we can give some thought to what private resources we need to increase, and whether it's a weakness in our national security that the general population isn't educated on these issues. Napolitano cited the "If You See Something, Say Something" program, which has alerted the public to report suspicious behaviors to the police, [without providing much training on what an expert would deem suspicious](#). Anecdotally, I've seen a large bag left unattended by a passenger for over 20 minutes in front of one of those "Say Something" videos on an endless loop at a major train station, and I've had a dispiriting interaction with the Amtrak police at that same station when my own bag was stolen a few months later.

Not to put too fine a point on it, but when half of your neighbors think [bad weather can affect iCloud](#), there's also some basic education necessary before we can secure the millions of computers being used for crucial everyday activities. Most of the increased security we're enjoying today comes from the simple design decision to make higher security the default in new operating systems; likewise, a lack of security in a common protocol like Wi-Fi [leaves many people vulnerable](#). Few people are aware that anything they send or receive over their corporate e-mail system is legally owned by their employers, or can be read by the IT department pretty much whenever, even if the corporate encryption strategy protects against outsiders.

Personally, I'm more encouraged by security that stems from widely disseminated education. We can (and should) spend the next 20 years improving our anti-spam methods to near-perfection, but if you know basic English business grammar, then you can spot today when that e-mail purporting to be from PayPal wasn't actually written by someone at PayPal.

Third and finally, there's one major response we can have to "our biggest threat is cyber attacks," and that is wild cheering.

I rarely make friends by saying this, but the biggest revelation I had after 9/11 was just how powerful and safe people in Western nations actually are. The most significant attack on the United States since Pearl Harbor was emotionally devastating, but we got through it, and we were back to some semblance of normal far faster than many people would have predicted. All of our societal changes to the new post-9/11 normal were of our own choosing – and it's past time we had a more complete and open debate about which of these actually make us safer.

I grew up during the end of the Cold War, and learned military strategies involving nuclear weapons that would

cause deaths in the tens or hundreds of millions. The United States has faced non-nuclear existential threats in at least three wars. Compared to the experience that most adults over 40 have lived through, or what a sixth-grader should know about history, terrorism doesn't come close as a danger to who we are or what we value. Contrast that with the daily experience of many people in the rest of the world; as an Argentinean friend once told me, "I can always tell who's American when I travel; they're the ones who will walk up to a police officer to ask for directions."

If the biggest threats we face are to our data, then we should take a moment to enjoy the security of our persons. Certainly, when the way we use data affects our physical security (whether we're talking about the power grid or air traffic control), that's a problem we need to fix – but let's focus on whether that lack of security is caused by incompetent or inattentive management before we blindly hand more money to the managers.

Quoting Bruce Schneier: "More people are killed every year by pigs than by sharks, which shows you how good we are at evaluating risk." The same applies when our worst fears are Internet-based and Internet-restricted. Let's pay the experts to be paranoid on our behalf, so we can live differently. 🐷

Fonts For Dyslexia

OpenDyslexic is a new open sourced font created to increase readability for readers with dyslexia. The typefaces includes regular, bold, italic and bold-italic styles. It is being updated continually and improved based on input from dyslexic users. There are no restrictions on using OpenDyslexic outside of attribution.

Your brain can sometimes do funny things to letters. OpenDyslexic tries to help prevent some of these things from happening. Letters have heavy weighted bottoms to add a kind of "gravity" to each letter, helping to keep your brain from rotating them around in ways that can make them look like other letters. Consistently weighted bottoms can also help reinforce the line of text. The unique shapes of each letter can help prevent flipping and swapping.

OpenDyslexic also takes a different approach to italic styles. It is generally recommended that italics be avoided in reading material for dyslexia. However, instead of taking the normal approach of "slant x%" for italic, OpenDyslexic's italic style has been crafted to allow for its use for emphasis while maintaining readability.

Download the newest package, and additional dyslexia typefaces [here](#). 🐷

N O P Q R S T U V W X Y
a b c d e f g h i j k l m

October Software Review

Free Ruler 1.7b5

<http://www.pascal.com/software/freeruler/>

Requires OS 10.1 or greater. PPC / Intel. Free.

Recently I was designing screens for a project. The screens had different dimensions. Switching among the screens was visually disconcerting. I needed something to measure and compare the screens. Free Ruler worked very well. I don't know that I will ever use it again, but it was very useful while I matched the screen sizes.

The program floats two rulers on the screen. Each of the rulers:

- can be moved,
- can be resized, and
- can be configured to measure in pixels, inches, picas, or centimeters.

Measurements are displayed (upper right and lower left) using the cursor (lower right) — a nice touch so I don't have to count the little tic marks on the rulers.



Apple Updates

Aperture 3.4.1

Sep 28, 2012 - 550.50 MB

System Requirements

- OS X Lion 10.7.5
- OS X 10.8.2 or later

What's New in Aperture 3.4.1

- Addresses an installer issue that could cause the application to quit unexpectedly on launch
- Improves the reliability of syncing photos to iOS devices via iTunes
- Resolves an issue with downloading and viewing photos synced from Facebook albums
- Addresses other stability issues

Included in Aperture 3.4

- Adds support for Shared Photo Streams on OS X Mountain Lion
- A new File menu command can be used to open the current photo library in iPhoto
- Includes performance and stability improvements

iOS 6 Software Update

Sep 19, 2012

System Requirements

- iPhone 4S
- iPhone 4
- iPhone 3GS
- iPad (3rd generation)
- iPad 2
- iPod touch (4th generation)

This update contains over 200 new features, including the following:

Maps

- Apple designed vector based maps
- Turn-by-turn navigation with spoken directions on iPhone 5, iPhone 4S, iPad Wi-Fi + Cellular (2nd and 3rd generation)
- Real-time traffic information
- Flyover for photo-realistic, interactive 3D views of major metro areas on iPhone 5, iPhone 4S, iPad (3rd generation), and iPod touch (5th generation)
- Local search results with Yelp photos, ratings, reviews, and available deals
- Siri integration for requesting directions and finding places along a route

Siri improvements

- Sports: scores, player stats, game schedules, team rosters, and league standings for baseball, basketball, football, soccer and hockey
- Movies: trailers, showtimes, reviews and facts
- Restaurants: reservations, reviews, photos and information
- Send a Tweet
- Post on Facebook
- App launch
- Eyes Free in supported automobiles

- Local search available in Siri supported countries (availability may be limited during initial rollout)
- Additional country and language support for Canada (English and Canadian French), China (Mandarin), Hong Kong (Cantonese), Italy (Italian), Korea (Korean), Mexico (Spanish), Spain (Spanish), Switzerland (Italian, French, German), Taiwan (Mandarin), US (Spanish)
- Supported on iPhone 5, iPhone 4S, iPad (3rd generation) and iPod touch (5th generation)

Facebook integration

- Single sign-on from Settings
- Post from Photos, Safari, Maps, App Store, iTunes, Game Center, Notification Center and Siri
- Add location and choose audience for any post
- View up-to-date Facebook profile photos and contact information in Contacts
- View Facebook events and birthdays in Calendar
- Like content and see your friends' Likes in App Store and iTunes Store

Shared Photo Streams

- Share selected photos with the people you choose
- Friends can view shared photos in Photos app, iPhoto and Apple TV
- Friends can like and make comments on individual photos

Passbook

- One place for boarding passes, store cards, movie tickets and other passes
- Barcode display for boarding flights, buying coffee, getting into movies and other actions
- Passes displayed on Lock Screen based on time or location
- Passes can be automatically updated
- Supported on iPhone and iPod touch

FaceTime improvements

- FaceTime over cellular support for iPhone 5, iPhone 4S and iPad Wi-Fi + Cellular (3rd generation)
- Receive FaceTime calls, sent to your iPhone number, on your iPad and iPod touch

Phone improvements

- Do Not Disturb to suppress incoming calls and notifications
- 'Reply with message' option when declining a call
- 'Remind me later' option based on time or location when declining a call

Mail improvements

- VIP mailbox to quickly access mail from important people
- Flagged email mailbox
- Insert photos and videos when composing email
- Open password protected Office docs
- Pull down to refresh mailboxes
- Per account signatures

Safari improvements

- iCloud tabs to see open pages on all your devices

- Offline Reading List
- Photo upload support
- Full screen landscape view on iPhone and iPod touch
- Smart app banners
- JavaScript performance improvements

App Store and iTunes Store improvements

- Updated store design
- iTunes Preview history
- Complete my season
- Complete my album

Game Center improvements

- Challenge friends to beat high scores and achievements
- Post high-scores and achievements to Facebook and Twitter
- Friend recommendations based on your Facebook friends

Accessibility improvements

- Guided Access to limit device to one app or restrict touch input on certain areas of the screen
- VoiceOver integration with Maps, AssistiveTouch and Zoom
- Support for Made for iPhone Hearing Aids for iPhone 5 and iPhone 4S

Improved privacy controls for Contacts, Calendars, Reminders, Photos and data shared over Bluetooth

Reminders can be reordered in the Reminders app

Custom vibrations for alerts on iPhone

Clock app for iPad

Clock alarm with song

Search all fields in Contacts

Automatic movie mode for improved video sound quality

Definitions of a selected word for Chinese, French, German and Spanish

New keyboard layouts for French, German, Turkish, Catalan, Arabic and Icelandic

Keyboard shortcuts shared across devices via iCloud

Bluetooth MAP support

Global network proxy for HTTP

[OS X Lion Update 10.7.5 \(Client Combo\)](#)

Sep 19, 2012 - 1.91 GB

[OS X Lion Update 10.7.5 \(Client\)](#)

Sep 19, 2012 - 1.14 GB

System Requirements

- OS X Lion 10.7

The 10.7.5 update is recommended for all OS X Lion users and includes general operating system fixes that improve the stability, compatibility and security of your Mac. It also

includes Gatekeeper, a new security feature that helps you keep your Mac safe from malicious software by giving you more control over what apps are installed on your Mac.

The 10.7.5 update also includes fixes that:

- Resolve an issue where icons in Launchpad may get rearranged after a restart
- Improve Wi-Fi reliability for iMac (Late 2009 and newer)
- Resolve an issue using Spotlight to search an SMB server
- Improve compatibility connecting to Active Directory servers

[Security Update 2012-004 \(Snow Leopard\)](#)

Sep 19, 2012 - 2.36 MB

System Requirements

- OS X 10.6.8

Security Update 2012-004 is recommended for all users and improves the security of OS X.

[iPhoto 9.4](#)

Sep 19, 2012 - 757.61 MB

System Requirements

- OS X Lion 10.7.5
- OS X Mountain Lion 10.8.2 or later

What's New in Version 9.4

- Adds support for Shared Photo Streams on OS X Mountain Lion
- Comments can now be added to photos after publishing them to Facebook
- New card and calendar themes have been added
- A new File menu command can be used to open the current photo library in Aperture (if installed)
- Includes performance and stability improvements

[MacBook Air EFI Firmware Update 2.5](#)

Sep 19, 2012 - 4.76 MB

System Requirements

- OS X Lion 10.7.4 or later
- OS X 10.8. or later

This update is recommended for MacBook Air (mid 2012) models. This update fixes an issue where Turbo Boost does not activate when using Boot Camp, and resolves an issue where NetBoot does not function properly when using an Ethernet adapter.

[MacBook Pro EFI Firmware Update 2.9](#)

Sep 19, 2012 - 4.29 MB

System Requirements

- OS X 10.7.4 or later
- OS X 10.8.2 and later

This update is recommended for MacBook Pro (mid 2012) models. This update resolves an issue which can cause the system to hang during heavy processor loads.

[MacBook Air SMC Update v1.7](#)

Sep 19, 2012 - 658 KB

System Requirements

- OS X 10.8.2 or later

This update enables Power Nap support on MacBook Air (Late 2010) computers and is recommended for all users running OS X 10.8.2 or later.

[MacBook Pro Retina EFI Update v1.0](#)

Sep 19, 2012 - 4.97 MB

System Requirements

- OS X 10.7.4 or later
- OS X 10.8 or later

This update is recommended for MacBook Pro with Retina display (mid 2012) models.

This update resolves an issue which can cause the system to hang during heavy processor loads, and resolves an issue where NetBoot does not function properly when using an Ethernet adapter.

[OS X Mountain Lion Update 10.8.2](#)

Sep 19, 2012 - 665.48 MB

[OS X Mountain Lion Update 10.8.2 \(Combo\)](#)

Sep 19, 2012 - 665.39 MB

System Requirements

- OS X Mountain Lion 10.8.1

The 10.8.2 update is recommended for all OS X Mountain Lion users and includes new features and fixes. New features include:

Facebook

- Single sign on for Facebook
- Facebook as an option when sharing links and photos
- Facebook friends' contact information and profile pictures in Contacts
- Facebook notifications in Notification Center

Game Center

- Share scores to Facebook, Twitter, Mail, or Messages
- Facebook friends are included in Game Center friend recommendations
- Facebook Like button for games
- Challenge friends to beat your score or achievement

Other new features

- Power Nap support for MacBook Air (Late 2010)
- iMessages sent to your phone number now appear in Messages on your Mac
- From Safari and Mail on your Mac you can add passes to Passbook on your iPhone or iPod touch running iOS 6
- New shared Reminders lists
- FaceTime now receives calls sent to your phone number
- New sort options allow you to sort notes by title, the date you edited them, and when you created them
- Dictation now supports Mandarin, Cantonese, Spanish, Korean, Canadian English, Canadian French, and Italian
- The Dictionary application now includes a French definition dictionary
- Sina Weibo profile photos can now be added to Contacts

The 10.8.2 update also includes general operating system fixes that improve the stability, compatibility and security of your Mac, including the following fixes:

- An option to discard the changes in the original document when choosing Save As
- Unsent drafts are opened automatically when launching Mail
- Receive Twitter notifications for mentions and replies from anyone
- URLs are shortened when sending tweets from Notification Center
- Notifications are disabled when AirPlay Mirroring is being used
- SSL support for Google searches from the Smart Search Field in Safari
- New preference to have Safari launch with previously open webpages

iTunes 10.7

Sep 12, 2012 - OS X (157.33 MB)

System Requirements

- OS X version 10.6.8 or later

iTunes 10.7 adds support for iOS 6 running on compatible iPhone, iPad, and iPod touch models. This update also adds support for the latest iPod nano and iPod shuffle models.

iMovie 9.0.8

Sep 5, 2012 - 1.08 GB

System Requirements

- OS X Lion 10.7.4 or later

Addresses an issue related to third-party QuickTime components that could prevent iMovie from opening.

Java for OS X 10.6 Update 10

Sep 4, 2012 - 81.9 MB

System Requirements

- OS X 10.6.8 Snow Leopard

Java for OS X 10.6 Update 10 delivers improved security, reliability, and compatibility by updating Java SE 6 to 1.6.0_35.

This update configures web browsers to not automatically run Java applets. Java applets may be re-enabled by clicking the region labeled “Inactive plug-in” on a web page. If no applets have been run for an extended period of time, the Java web plug-in will deactivate.

Java for OS X 2012-005

Sep 4, 2012 - 67.2 MB

System Requirements

- OS X Lion 10.7 or later
- OS X Mountain Lion 10.8 or later

Java for OS X 2012-005 delivers improved security, reliability, and compatibility by updating Java SE 6 to 1.6.0_35.

This update configures the Java plug-in to deactivate when no applets are run for an extended period of time. If the prior update named “Java for OS X 2012-004” was not installed, this update will disable the Java web plug-in immediately. Java applets may be re-enabled by clicking the region labeled “Inactive plug-in” on a web page. 🗑

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Mac 911

Changing Safari 6's default RSS reader

Reader Jay Lindell has a problem feeding Safari. He writes:

I'm running Mountain Lion and, with it, Safari 6. I understand that Safari no longer displays RSS feeds but instead sends them to a dedicated RSS reader. I have a couple of RSS readers and chose one originally but would prefer to use another. Unfortunately I don't see any setting for changing which reader Safari opens. How do I do that?

I'm in the same boat. Like you, I have a couple of different RSS readers on my Mac. As you suggest, Safari gloms on to the one you chose the first time and, from then on, opens it when you click on an RSS link.

The solution is to turn to a third-party. In my case I chose Rubicode's free RCDefaultApp. This is a very handy preference pane that allows you to associate such things as file types, media types, and feeds with specific applications. In our case, we want to associate RSS feeds with one application or another.

To do that you open System Preferences, click on Default Apps in the Other area, and in the Internet tab, select RSS. To the right you'll see a Default Application pop-up menu. From here you should see the RSS reader you first chose. If you're lucky you'll see any other readers you've installed. If you're not, just choose Other from the pop-up menu and then in the sheet that appears, navigate to the reader application you want to use and click Add. From now on, when you click on an RSS link in Safari, the application you chose should launch and display the feed.

Rendering text-to-speech files

Reader Kurt Schwartz prefers some of his text spoken rather than written. He writes:

I have several text files that I'd like my Mac to read to me using its speech software. I know that I can use the Speak command within TextEdit to have that text read to me, but I'd love to be able to save that text as an audio file. Is there a way to do that?

Allow Automator to show you the way. Here's how:

Launch Automator and from the workflow chooser select Application. Choose Text from the Library pane and from the Actions pane to the right, drag Get Contents of TextEdit Document to the workflow area. Now drag Text to Audio File to the workflow area. Click Options in this action and enable the Show This Action When the Workflow Runs option. Save your workflow to the desktop and give it an intuitive name such as "Save Spoken Text."

To use the application just drop a TextEdit document on top of it. A small window will appear prompting you to choose a voice and provide a name for the resulting file. Do that, click Continue, and Automator will render your document as a spoken word AIFF file.

When the size column matters

Reader Craig Moyer longs for a Finder feature he could once invoke via clever hack. He writes:

I'd like the Size column to always appear before Date Modified in Finder windows displayed in List view. Many years ago I was able to modify the com.apple.finder.plist file to do this, but that's no longer an option as that file has changed. Is there still a work-around?

While this may elicit one or two "Well, duh!" responses from the less sensitive members of our forums, this is something I haven't bothered to think about in... well, ever. And so this came as a surprise as much to me as it may to you.

In Mountain Lion, open a new Finder window that contains the contents of the root directory—so, Applications, Library, System, etc. Press Command-J to open the View window. In the Finder window drag the Size column to the left so that it appears before Date Modified. Now in the View window click the Use as Defaults button and close the View window.

If you scan through the folders on your hard drive you should find that the vast majority now display the Size column first. I weasel because the Downloads folder maintains its original order. If you shift its Size column to the left it should now always open in that view.

If you're running an earlier version of the Mac OS you will find this technique doesn't work reliably (or, in some cases, at all). However, you can manually move columns in the windows you routinely use and they should stick.

[Macworld Senior Editor Christopher Breen is the author of "Secrets of the iPod and iTunes (6th edition)," and "The iPod and iTunes Pocket Guide (4th edition)" both from Peachpit Press

and

"OS X 10.5 Leopard Essential Training (video)" from lynda.com Find Chris' books at www.amazon.com and www.peachpit.com. Get special user group pricing on Macworld Magazine! Subscribe today at <http://www.macworld.com/useroffer> 📧