

The Window

MACNJ

MACNJ Serving the Central New Jersey Macintosh Community since 1986

April 2014

Keep the ball rolling ...

The last two meetings inspired many questions and answers just because we tripped into some unknown territory – a new app for displaying through the projector and working with the new MACNJ iPad. Most of us were unfamiliar with the "ways and means" 'til AirPlay allowed anyone to "project an issue" from their iPad or iPhone to the BIG screen. What a difference it makes.

So, let's keep the ball rolling in April.

Using the same AirPlay setup, we'll field questions and demo some apps we didn't have time for last month. HopStop was one we missed. You'll love it if you ever go to NYC or most any big city. Check this out. Did Apple not buy HopStop? Let me know at the meeting.

It's only right that we acknowledge Dave Marra, Apple Systems Engineer, and everything he's done for MACNJ over 12 years.

He wasn't able to put MACNJ on his schedule this year. He is a very busy guy. Dave's extensive knowledge and rapid fire presentations have both thrilled and mystified us every year. Is there anything this guy doesn't know? Times have changed. We remember waiting for his van each March. It was always packed with loads of new Apple equipment and some of his personal goodies always of interest – the folding bicycle for instance.

What a show! Thank you Dave and all the best from MACNJ.

We'll keep in touch with your website being sure to say "Hi" next time we bump into you.

By the way, we meet a week earlier this time – the FIRST week of April, not the 2nd. Remember that. We'll see you real soon -

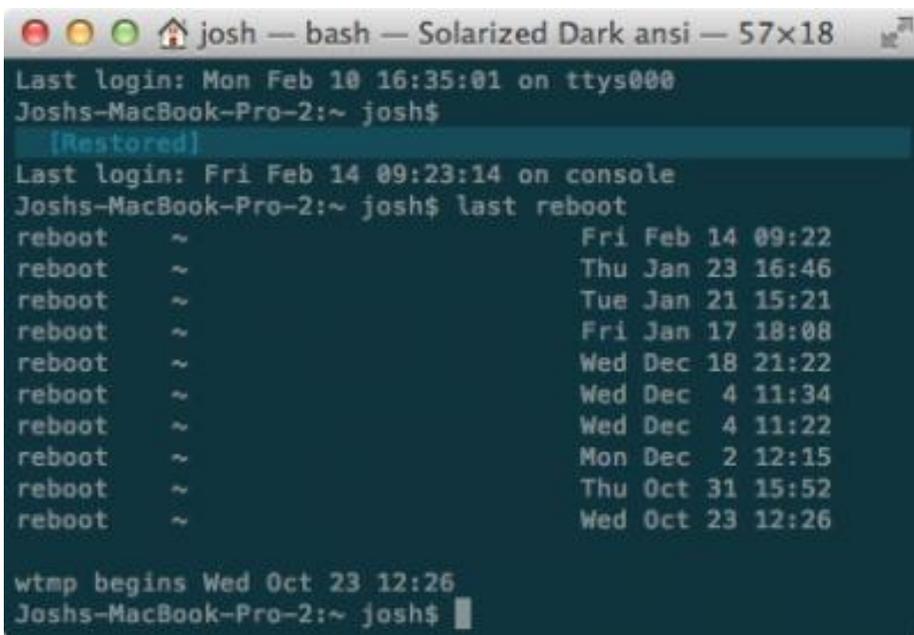
9:00am Saturday morning till noon at Voorhees High School the **5th of April.** Coffee and donuts as usual.

Bill Barr, Program Chair

Your Mac's Restarts via the Command Line

by Josh Centers

Curious to know when you last had to restart your Mac, or how often you've been rebooting? It turns out that there's a command line invocation to report on that information. What's the utility of such details? If you're troubleshooting flaky hardware, perhaps you want to document how often you're having to restart, or you might want to look up the exact date of a recent kernel panic when working with tech support.



```
josh — bash — Solarized Dark ansi — 57x18
Last login: Mon Feb 10 16:35:01 on ttys000
Josh's-MacBook-Pro-2:~ josh$
[Restored]
Last login: Fri Feb 14 09:23:14 on console
Josh's-MacBook-Pro-2:~ josh$ last reboot
reboot ~ Fri Feb 14 09:22
reboot ~ Thu Jan 23 16:46
reboot ~ Tue Jan 21 15:21
reboot ~ Fri Jan 17 18:08
reboot ~ Wed Dec 18 21:22
reboot ~ Wed Dec 4 11:34
reboot ~ Wed Dec 4 11:22
reboot ~ Mon Dec 2 12:15
reboot ~ Thu Oct 31 15:52
reboot ~ Wed Oct 23 12:26

wtmp begins Wed Oct 23 12:26
Josh's-MacBook-Pro-2:~ josh$
```

If you're intimidated by Unix, don't worry, as this one is as simple as it gets. Open Terminal from /Applications/Utilities, and type `last reboot` and press Return. You're presented with a log of all the times you restarted your Mac, back to when the log begins. Mine dates only to October 2013, whereas Adam Engst's includes 70 restarts since May 2013, and shows several instances when he was restarting repeatedly while trying to isolate a bad DIMM.

Technically, the last command displays the sessions of specified users, so you could also type `last shortname` — where `shortname` is the short name of a user account — to see all the times that particular account logged in, or just `last` by itself to show all sessions. `reboot` is a pseudo-user, as is `shutdown`, so `last shutdown` displays all the logged shutdown events.

Want to create a permanent record of your restarts? Try this command:

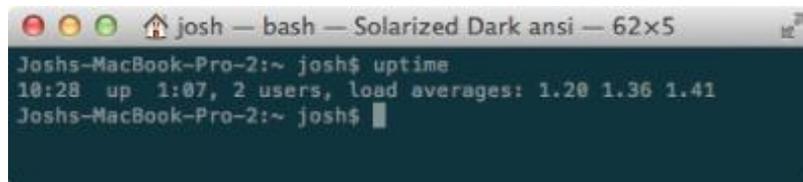
```
last reboot > ~/Desktop/reboot-log.txt
```

That tells your Mac to run the last reboot command, and then send its output to a new file called `reboot-log.txt` on your Desktop. And if you wanted to keep recording restarts to this file from the command line, you would instead use:

```
last reboot >> ~/Desktop/reboot-log.txt
```

That's the same command, but with two angle brackets, which specify that the output should be appended to the end of the existing file, instead of overwriting the one that's already there. Give it a try to see what it does.

While on the subject, as long as you're in Terminal, try the `uptime` command to see how long your computer has been running since the last restart.



```
josh — bash — Solarized Dark ansi — 62x5
Josh's-MacBook-Pro-2:~ josh$ uptime
10:28 up 1:07, 2 users, load averages: 1.28 1.36 1.41
Josh's-MacBook-Pro-2:~ josh$
```

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TechNOLOGY (originally pub. Friday, March 20, 2014
The Star Ledger)

A shift in the clouds

Google wants to change the way you store data

— and it just might be successful

Allan [Hoffman](#)

nj.com/business

Your cloud is your computer. Google did not declare that outright, but it's certainly the subtext of the recent price cut for Google Drive, the company's cloud storage service. You can now get 100 gigabytes of online storage for \$1.99 a month, and one terabyte for \$9.99 a month — a significant drop from previous plans and a better deal than its competitors, namely Dropbox.

Forget about what device you're using, Google is saying. The make of your computer, or even the software running it, doesn't matter (or not much). Windows versus Macintosh, iPad versus Kindle Fire — those are yesterday's battles. Now an online storage vault is the center of your computing world, and you can access it from any computing device, whether it's a Samsung Galaxy Tab, a Dell laptop, an HP desktop, a MacBook Pro or an HTC phone.

Buy cheap devices, with hardly any storage space, the thinking goes, and just pay a couple of dollars to Google to

store your information at its “cloud” of online data centers.

Google wants to be your computer without ever selling you one. Dropbox is a target here, certainly, but Google's got other targets, too, including Apple and Microsoft.

That's because making cloud storage this cheap is a potential game-changer, likely to influence what other services — some paid, some free — you choose to use.

Dropbox already identified the power of cloud storage to shift the power dynamics in the technology industry. The service has become an essential tool for many by providing an easy, simple way to access files on a variety of computers and mobile devices. Plenty of people store all of their data with Dropbox, from photos to work files, meaning they can access the information from their tablet, phone and computer — no matter who makes those products.

“Once you begin using Dropbox, you become more and more indifferent to the hardware you are using, as well as the operating system on that device,” one of Dropbox's investors wrote about the service.

“Indifferent to the hardware” is not a phrase Apple wants to hear. The company is known for making products with the design of hardware and software inextricably linked. Yet Apple's cloud storage service, iCloud, isn't exactly a hit, even among people who own iPhones, iPads and Macintosh computers.

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Cloud Shift

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And Microsoft doesn't want people indifferent to software — and abandoning its Office productivity tools or its Windows operating system. But, like Apple, the company has an online storage option, OneDrive, that's far from a household name.

For now, at least, the “cloud as computer” battle appears to be one between Google Drive and Dropbox, though other companies, such as Box and SugarSync, also offer options for storing files online.

You may deride this idea now, but our mobile lifestyles

— that is, devices that are portable and value speed and battery life over storage space

— argue for moving your information to the cloud.

The shift to online storage services can happen to you without really planning it. You start using Google Docs, storing much of your information at Dropbox, or having your photos accessible at either of them, and then soon you realize you want access to all of your information, all of the time, no matter whether you're at a Windows computer at work, an iPad in the kitchen, or a Nexus 5 phone on a trip to China.

You use the cloud, and then it turns from being this abstract, fluffy thing, into a concrete and indispensable piece of your computing life.

Allan Hoffman can be reached via his website, allanhoffman.com.

iPad Versus MacBook for the Mobile Writer

by Julio Ojeda-Zapata

It takes only a glance at Apple's quarterly financials to realize that the era of traditional desktop and laptop computers is waning. Last quarter, Apple sold 26 million iPads, over five times more than the 4.8 million Macs shipped in that time period. And that's with the Mac doing pretty well, growing 19 percent in the last year while global PC sales declined by 10 percent.

The rise of the iPad has me thinking: What is the perfect mobile computer for a journalist? Or, more generally, the best device for someone who needs to write, take photos and video, and communicate with colleagues, sometimes in unpredictable, uncomfortable situations and under deadline pressure?

As a tech journalist for the St. Paul Pioneer Press, I'm in a good position to ponder this question with loaner hardware always cycling through my home office. Since I get to play with the latest and greatest, but can't keep any of it, nor afford to buy much of it, I have to focus: what is the best use of my limited personal tech budget in the service of my journalism?

I've weighed that question for a quarter century in the news business, and the answer has changed in interesting ways over that time span. I even wrote a book, “The Mobile Writer [<http://ojezap.com/themobilewriter>],” in search of the answer.

Over the years, I've dabbled with many kinds of mobile computers. My tech-loaner arsenal has recently included a range of such devices — Chromebooks, the Google notebooks with a Web-centric Chrome OS based on the popular Chrome browser; Android tablets in all shapes and sizes; and Microsoft's Surface Pro devices that are full Windows PCs as well as iPad-style tablets. I'll be talking about some of those for future articles in this informal series looking at today's post-PC hardware from an Apple user's perspective. But before I reveal my current favorite for mobile productivity, a quick look back.

As a newspaper reporter fresh out of journalism school in the late 1980s, I availed myself of a machine that still is regarded with reverence in some newsrooms: a TRS-80 Model 100, a thick slab of a computer with no tilt-up

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tilt-up screen, only a keyboard and narrow LCD panel capable of displaying a whopping eight lines of dim text.



Filing a story from the field — say, at a Michael Jackson concert at the dearly departed Met Stadium in Bloomington, Minnesota — required cramming a wired-telephone handset into acoustic couplers for the painstakingly slow transmission to my newsroom.

In the years and decades hence, I experimented with a variety of other devices, including Apple's Newton with an add-on physical keyboard; a laptop-like, translucent-green Newton cousin called the eMate 300, which I still regard as one of the most beautiful mobile computers ever produced; and a pre-Jobs-era Apple PowerBook that I rented from a computer store and detested due to its stiff keyboard.



In recent weeks I've reached for a different kind of computer when heading out of my newsroom on a reporting assignment — the iPad Air. This came as a surprise to me. The iPad, is, at least for me, an unexpected choice for mobile journalism.

Historically, I've leaned more toward the Mac than the iPad. Given a hard choice between a MacBook Air and the iPad Air for personal (not professional press) use, I would choose the former every time. And yet, when I'm preparing to head out for field reporting, I've ended up picking an iPad almost every time.

The reasons have a good bit to do with Apple's new "Your Verse" television commercial, which promotes the iPad Air as a primary computer, not a secondary one.

<https://www.youtube.com/watch?v=jjyIcz7wUHo>

Many have seized on one iconic image in the ad, a shot of a videographer who has mounted an iPad Air on a tripod and added other video-recording accoutrements, such as a boom mike. Some have scoffed at this. Just because you're able to harness an iPad in this way, such folks sputter, doesn't mean you *should* do so with far-better video cameras available.

When I saw that image, though, I was reminded of a reporting gig in 2006 when my digital camera conked out and I had no image-capturing device other than a MacBook (one of the beloved matte-black ones). I was reduced to the awkwardness of aiming the inner-lid iSight camera at my subjects to take tech-blog photos using Photo Booth. (This was all the more embarrassing since the particular gig was the opening of an Apple store at Ridgedale Center in Minnetonka, Minnesota.) I got the hang of it after a few minutes, and sort of enjoyed it. The experience even yielded a treasured photo, taken by someone else, of me with the MacBook held aloft in the middle of the throng.



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Still, it wasn't an experience I'd care to repeat.

Fast-forward to last year, when I found myself in almost exactly the same predicament: my smartphone for blog-picture posting had failed, and I had to find a replacement camera quickly. I happened to have an iPad with me, and it did nicely. Yes, I looked and felt like a dork pointing such a big slab at my subjects to take pictures and shoot video, but it was a major step up from using a laptop with only an inner-lid camera. It was appropriate, too, since this also was an Apple-retail event – the debut of a relocated, larger Apple store in the Southdale Center mall in Edina, Minnesota.

The iPad Air isn't just for capturing images; it also does a decent job of editing them. Apple's iPad flavors of iPhoto and iMovie are pretty good, which makes an iPad a simple but capable mobile editing studio. A wide assortment of third-party apps augment my picture-editing capabilities (though certainly not to a Photoshop level). I have dabbled with dozens of the apps, and settled on a few gems.

For image editing, I have gravitated towards Photo Editor by Aviary [<https://itunes.apple.com/us/app/photo-editor-by-aviary/id527445936?mt=8&at=1015PW>], Autodesk's Pixlr Express+ [<https://itunes.apple.com/us/app/pixlr-express-photo-editing/id526783584?mt=8&at=1015PW>], Adobe's PS Express [<https://itunes.apple.com/us/app/adobe-photoshop-express/id331975235?mt=8&at=1015PW>] and Google's Snapseed [<https://itunes.apple.com/us/app/snapseed/id439438619?mt=8&at=1015PW>] – partly because all are nifty apps, and partly because Web-app versions of these exist via my preferred desktop browser, Google's Chrome, which creates consistency for me. Tap Tap Tap's Camera+ is also a part of my photo-editing kit in its iPad-native flavor, since I also use the iPhone variant.

I don't dabble as much with third-party iPad video-editing apps, but I regard Google's YouTube Capture as essential for light editing as well as uploading.

While such photography and videography work has taken up more of my reporting time, I remain primarily the writing kind of journalist and require hardware suited for that purpose. In this regard, the iPad Air has performed splendidly when outfitted with an add-on physical keyboard.

I've experimented with a wide array of keyboard covers and keyboard cases for the iPad Air. I settled on Logitech's \$149.99 FabricSkin Keyboard Folio, an accessory I was sure I'd hate (a "fabric-skin keyboard"? Really?) but have come to love.



The folio-style case includes an integrated mechanical keyboard with a membrane-style protective overlay, the reason I assumed I would detest it. It turns out the keyboard has a terrific feel for touch typing, even with the membrane, and I'm delighted with it. It's on the cramped side compared to traditional keyboards, as all iPad keyboard cases tend to be, but I've adapted. I like how the iPad hitches firmly to the case yet is straightforward to remove, and how the combo makes for a trim package with a pleasingly rubbery exterior when closed for transport.

Writing apps for the iPad are legion, too, and exist in a range of categories to satisfy any goal or taste. My favorites, which emphasize online publishing and collaboration, include Evernote, Google Drive and Blogsy. I have an entire chapter devoted to these and other apps in "The Mobile Writer [<http://ojezap.com/themobilewriter>]," which expands on this article's thesis that the iPad is a more-than-adequate computer for a professional journalist or any other kind of writer.

Once fitted with the necessary add-on hardware and software, the iPad Air blended seamlessly into my reporting and writing routine. This includes typing and organizing interview notes via Evernote, and writing and filing stories via Google Drive. Since versions of these apps exist for virtually all other computing platforms, I often found myself bouncing from device to device — Chromebooks, Android tablets, Surface computers, Windows PCs, my beloved home iMac — without losing

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mobile

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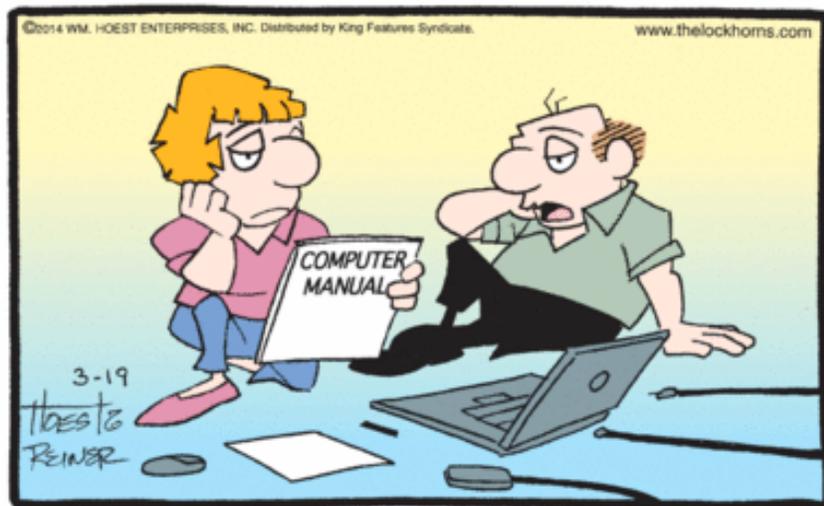


Later that night, I arrived at Microsoft's only retail store in Minnesota, at the vast Mall of America in Bloomington, to see gaming fanatics get their hands on the new Xbox One console for the first time. This session was more about shooting photos than writing, with the iPad as my primary picture-taking and image-editing device, and the means for uploading my pictures via Google's Google+ app. Shoot, edit, upload – I repeated the sequence again and again as I wandered around the packed store.

In the pre-iPad days, an Apple laptop would have been my device of choice for all of these mobile reporting scenarios, but I'd never pick a MacBook Air over the iPad Air today.

The iPad Air is smaller and lighter than the MacBook Air, even when inside the Logitech keyboard case, and it is less expensive, too – though perhaps not by much in certain scenarios. Between needing one of the cellular-capable models for filing stories while out and about, and wanting enough storage for video, I could be looking at \$829 for the 64 GB iPad Air plus \$150 for the Logitech FabricSkin Keyboard Folio, bringing the total cost to \$979 – just under the \$999 price of the 11-inch MacBook Air.

That's why I'll stick with the loaner iPad from work for now (while I have it) rather than invest in one of my own. But fellow writers with bucks to spare should shake off the preconception that a laptop is the only way to go for on-the-go journalism, and give the iPad Air serious consideration. It is the do-it-all mobile-reporting computer.



"NOW IS THE TIME I REGRET WE NEVER HAD ANY KIDS."

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More Tips and Tricks

Adjust Multiple Column Sizes Simultaneously

Within the Finder, Column View enables you to see folder hierarchies, with each subsequent level getting its own column. Dragging on the double lines at the base of a column divider changes the preceding column's width. But Option-drag on any divider, and all the columns in the window change to the same width.

Copy Before Submitting Web Forms

Filling in Web forms (like the one used to submit this tip) can be a bit of a gamble - you put in your pearls of wisdom, perhaps only to lose them all if the Web page flakes out or the browser crashes. Instead of losing all your text, "save" it by pressing Command-A to select all and then Command-C to copy the selected text to the clipboard. Do this periodically as you type and before you click Submit, and you may "save" yourself from a lot of frustration. It takes just a second to do, and the first time you need to rely on it to paste back in lost text, you'll feel smart.

Copy Disk Image as Folder

When you open a .dmg file, a disk image is mounted. You are then generally supposed to copy the contents of that disk image to your hard drive (to your Desktop, your Applications folder, or wherever). But what if you want to copy the whole disk image, including all its contents, as a folder? Hold the Option key, and drag the "proxy icon" in the title bar of the disk image window to the destination in the Finder.

Make PDFpen Your Default PDF Viewer

Want to open all your PDFs with PDFpen, rather than Preview or Adobe Reader? Follow these steps:

1. Locate a PDF document in the Finder.
2. Control-click the document.
3. From the menu, choose Get Info.
4. Scroll down the Get Info window to the Open with... pop-up menu.
5. Choose PDFpen.
6. Click Change All...

USE THE MACNJ FORUM!

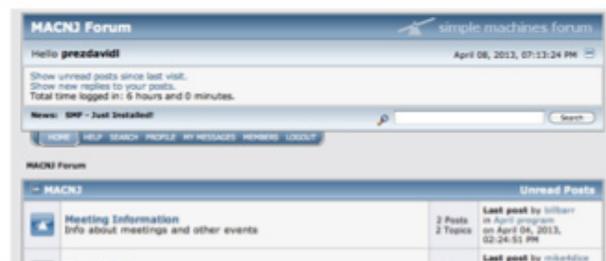
Our forum, using new software to keep out spambots, is only as good as we make it. All members are encouraged to use the forum. It can be of great help in answering questions, providing news, etc., between meetings.

To Register:

There are two links to the forum on the MAC-NJ home page; or go to macnj.org/forum/ and you are there.

Click on "register" (top right). You'll have to agree to conditions.

Enter a user name which can be used to identify you as member of MACNJ—not strange encrypted names such as xyz123— or you won't be approved. Check the member list to see what names have been accepted.



Enter a valid email address.

Enter and confirm your password. Then remember it! **You can also stay logged-in**, if desired. Look under Profile Information and **enter your location** (City, State). This is mandatory. Enter any other profile information which you choose to use. Click "submit" button, bottom of page. You will be notified by email that you are registered as a MACNJ Forum member. Most questions about the forum are answered in the FAQ Section.

Meeting notes March 8 , 2014

by Hugh Murphy, Jr.

The meeting was opened at 0920 by President Davis with the announcement that the operating system Snow Leopard is still viable. Dave Marra will be unable to make his annual presentation this year. Bill Barr demonstrated the technique of taking a self portrait, or “selfie” with an iPhone using the volume control on his earphone to snap the picture. During the discussion about the sharing of photos on the screen, a used Apple TV was offered for sale, and Chod Lang bought it. Three photos were displayed on the screen at the same time using Air Server with with MacBook Pro as the server.

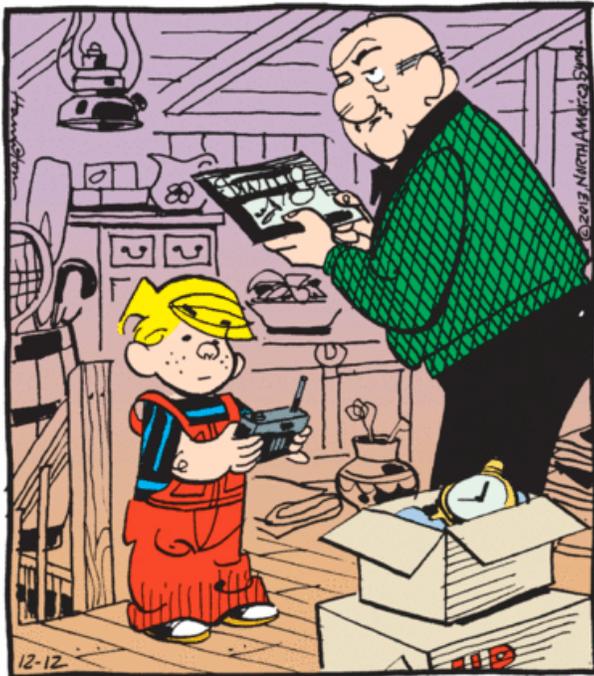
During a Q & A session, Chod has a problem that he can't type in search words. It was suggested that the delete key might be stuck and to try another keyboard to see if the keyboard is the problem. Helen Oszucik suggested iFix.com for videos on various problems, while Jim Oscuzik thought it might be a cursor overwrite problem. In a continuation of this discussion, various sites were suggested for problem-solving and gear. Some of these are - Power Max.com for used Macs, CellPhoneShop.net, inGearUSA.com for accessories, MacIntouch for a forum.

Chod asked how to connect a computer to a TV. An adapter is required which ends up an HDMI plug into the TV. Apple TV displays one thing at a time. Various subscription services are available to widen your entertainment opportunities such as NetFlix and Hulu. Don McBride had a Question about split screens, and some expressed dissatisfaction with Mavericks Mail. Another member had a problem with Sleep mode where the light goes on when closing his laptop, then flashes on and off. Bill Barr suggested changing Power Saving preferences. Frank Peluso has a problem when setting up Actions in Creative Suite 6 - the Function key does not work. Margo Murphy does not want to upgrade to Mavericks because there is no Bounce feature in Mail. No one could offer a work-around. Walter Chandoha wants to rid of a hard drive on a G4 computer. Chod suggested entering Disk Utility and selecting Erase. Dave offered to erase and

reformat the disk for Walter. Debbie Lynch complained that her iCloud storage was full; Bill Barr backs up his iPhone to iCloud and pays for extra storage space. Lee Roth stated that one needs an iCloud account. He had changed his password and every device should have the same password. He also had a problem in the Apple Store using two different email addresses. He stores his photos on an external drive to avoid losing the information on them.

After the break, discussion resumed with tips and tricks. Chod reduced a PDF from 17.7 MB to 532 KB by opening the PDF in Preview, saving it as a JPEG, then putting through an application called Combiner to accomplish the reduction. Dave also suggested saving to Dropbox and providing a link. Chod also suggested twit.tv which offers videos about topics of interest. He also mentioned www.pixelcorps.com as a site for digital craftsmen. He will post information about these sites on the Forum.

Bill Barr proceeded to demonstrate what could be accomplished with an iPhone. He set up on Airplay with Mirroring and MacBook server. He showed how the GPS on the phone could monitor his speed, stops, display a map, etc. He recommended iGear USA for spare batteries, and the current edition of the Window has reviews for two battery chargers. Helen and Jim Oszucik recommended iFixit.com for instructions on replacing batteries. Bill continued his discussion of apps with another tracking program called Moves. An app called Moove, when strapped to a wrist or ankle, monitors movement, and when strapped to both wrists, tracks boxing blows. It is reported to be available for half-price at this time. Maps are now available on iOS7. He also presented some tips on Mail. If the Calculator function is turned sideways, more keys become available, including memory. He demonstrated various features of the iPhone camera and discussed phone plans. He showed the Calendar and search (magnifying glass) and how to drag and drop to create folders. Notes are filed by the first line in the note. He concluded with a demo of voice to text.



"THAT'S NOT AN OLD IPOD. IT'S CALLED A TRANSISTOR RADIO."

Even More Tips and Tricks

Open Links from Mail in the Background

Tired of switching back and forth between Mail and your Web browser every time you click a link in a TidBITS issue or other email message? Here's an easy workaround. Hold down the Command key when you click links in Mail to open them in your browser without switching away from Mail. That way you can keep reading in Mail and then read all the Web pages you've opened.

Option-click to Hide Apps Quickly

This trick has been available in the Mac OS for years, but many people still don't know it. If you have too many windows cluttering up your screen, you can hide specific ones easily as you work. When you're in any application, hold down the Option key and click on another app's window, on the Dock, or in the Finder to switch to that other app and simultaneously hide all the windows in the previously current app.

Quick Download of Multiple Attachments in Apple Mail

To download a bunch of attachments quickly, look in the header of the email message that they came in. Make sure the triangle adjacent to the paperclip icon is pointing to the right (click the triangle if needed), and then drag the paperclip icon to your Desktop or to another folder. Release the mouse button and all attachments copy to that location.

See All Your Books in iBooks

The iBooks app for iOS lets you assign your books to different collections, but does not have any obvious way for you to see all of your books, regardless of the collection you have put them in. There is, however, a workaround that can show you just about all of your books at once: reveal the search field at the top of any collection in iBooks and type a single space into that field.

With this search, iBooks lists all of the books that have a space either in the title of the book or in the author's name. Other than the rare book that has a one-word title and a single-name author, you end up with a list of all of your books.

MACNJ Meeting Information

Check the latest meeting information on the MACNJ website at www.macnj.org



MACNJ's general monthly meetings are usually held on the second Saturday of each month at Voorhees High School, in High Bridge, New Jersey, from 9 AM to noon. Visitors are welcome.

From the Morristown area

Go west on State Route 24 to County Route 513. Go southwest on 513 for 4.9 miles through Califon. Continue on 513.

Voorhees High School will be on the left at 256 Route 513, across from Voorhees State Park.

From the Somerville area

Go north on US Route 202 until it intersects with interstate 287. Take I-287 northwest for 4.2 miles to I-78 west. Follow I-78 west for 13 miles to Route 31 north (this is the Clinton/Washington exit.) Follow Route 31 north 2.1 miles to a traffic light where there will be a sign for High Bridge. Turn right onto County Route 513. Follow 513 north for two miles into the town of High Bridge. Voorhees High School is two miles further north at 256 Route 513, on the right, across from Voorhees State Park.

From points west

Go east on I-78 to exit 15 (Clinton/Washington exit for Route 31 north) Follow 31 north 2.1 miles to a traffic light with a sign for High Bridge. Turn right onto County Route 513 North. Follow 513 for two miles into the town of High Bridge. Voorhees High School is two miles further at 256 Route 513, on the right, across from Voorhees State Park.

From the Flemington area

Take Route 31 north past Clinton to a traffic light with a sign for High Bridge. Turn right onto County Route 513 north. Follow 513 for two miles into the town of High Bridge. Voorhees High School is two miles further at 256 Route 513, on the right, across from Voorhees State Park.

Parking and Entrances

Parking is plentiful and free. Park in the main parking lot of the school, enter the main entrance by the flag pole, and follow the signs for the MACNJ meeting room in the choir room on the first floor.



Photo by Bill Barr



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from the MACNJ membership database

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Member Benefits

MACNJ User Group members in good standing are encouraged to take advantage of the following savings and benefits

Peachpit Press

Peachpit Press provides our group members with a **30%** discount off the list price of any of their books. At check-out, right before you put your credit card number in, you must enter the user group coupon code UE-23AA-PEUF (case-sensitive). This coupon code is an exclusive offer that may not be used in conjunction with any other coupon codes.

O'Reilly & Associates

Don't forget, you can receive **35%** off any O'Reilly, No Starch, Paraglyph, Pragmatic Bookshelf, SitePoint, or Syngress book you purchase directly from O'Reilly. Just use code DSUG when ordering online or by phone 800-998-9938. ordering at <<http://www.oreilly.com>>.

Vendor Offers For MUGs

The MUG Center, the Resource Site Macintosh for User Groups, offers a number of software, shareware, and hardware specials for User Group members. Visit<<http://www.mugcenter.com/vendornews/vendornews.html>>.

MACNJ Membership

Annual dues are \$24, due each January. Members joining during the year pay \$2 per month for the months remaining in the current year. Families may join for \$35. Please make all checks payable to "MACNJ". Checks can be given to President David L. Davis at the monthly meetings, or mailed to:

MACNJ Membership
David L. Davis
242 Cherryville Road
Flemington, NJ 08822

Fill out this form and return it with your payment.

MACNJ Membership Form

Check one: Membership Renewal New Member

Month membership begins _____ amount enclosed (\$2 per month, \$24 for the entire year/\$35 per family) _____

Name (if a family membership, please list all member names) _____

Street address (if this is a renewal, please indicate if any of your address information has changed.) _____

city _____ state _____ zip code _____

Home telephone number _____ mobile phone number _____ e-mail address _____

What I do with my Macintosh (favorite Apps, creative work, etc) Be as descriptive as possible! _____