



Apple User Group

February 29, 2016
Episode 61*



*Since Jan 2010

Next Meeting

Monday 9:30

March 28, 2016



My Distribution List



- Let me know:
 - If you wish to be added (Need: name and email address)
 - If you wish to be removed (currently have 111 people)
 - If you change your email address
 - If you stop getting emails for no reason
- If I get failures several times for an individual, I'll remove the name from my list



*"The printer I just bought only cost \$50.
But all the cartridges it requires cost an
additional \$12,000."*



Apple News!

Apple News



- JCPenney is currently testing Apple Pay support for its store cards with plans for an official introduction sometime in the spring
- WSFS now supports Apple Pay
- Verizon confirms: Wi-Fi calling is coming to iPhone 'early next year'. Wi-Fi calling is making cell phone calls over Wi-Fi.
- Apple has increased the iTunes Match and Apple Music Library limit from 25,000 to 100,000 tracks

Apple News

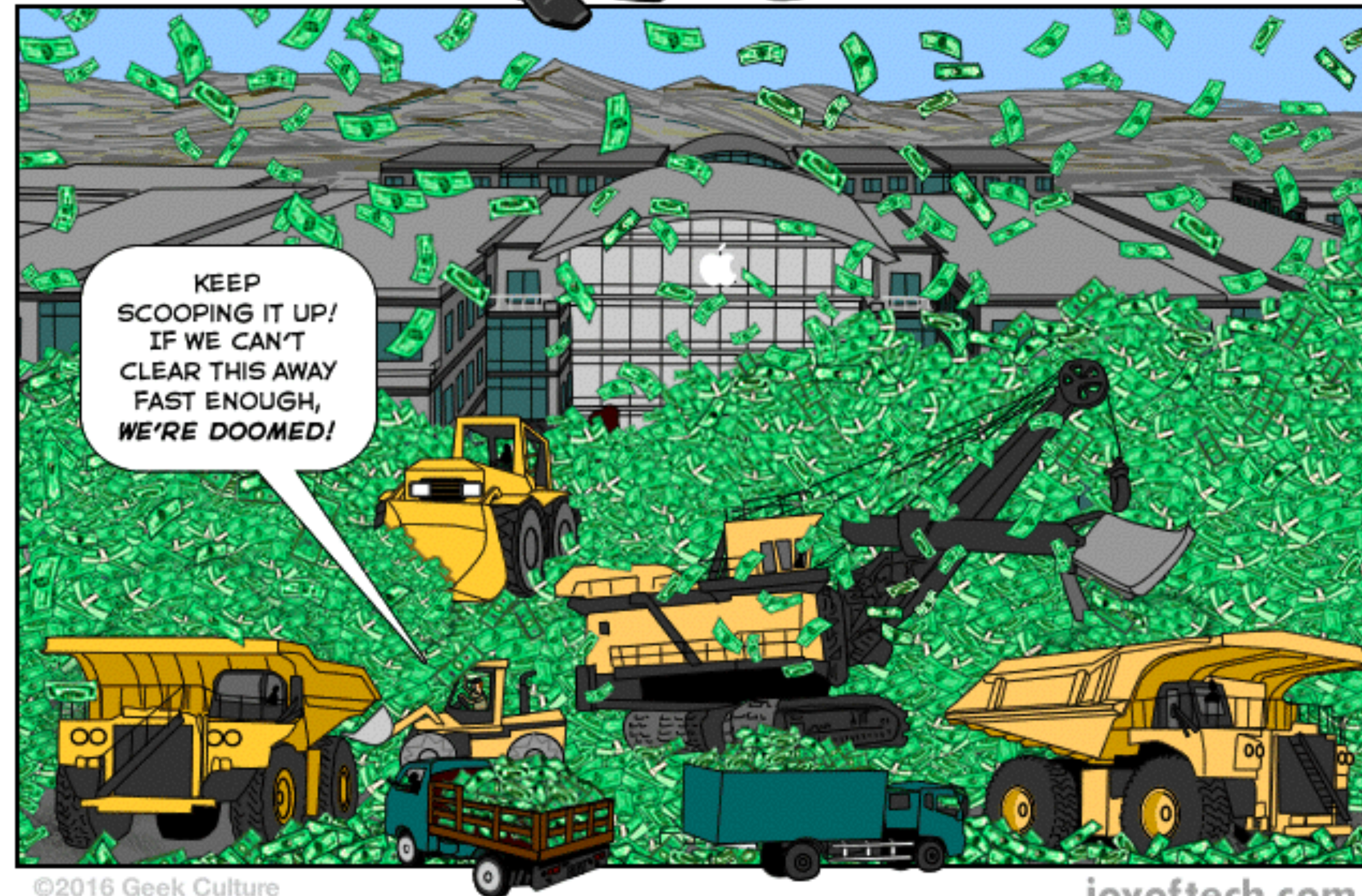
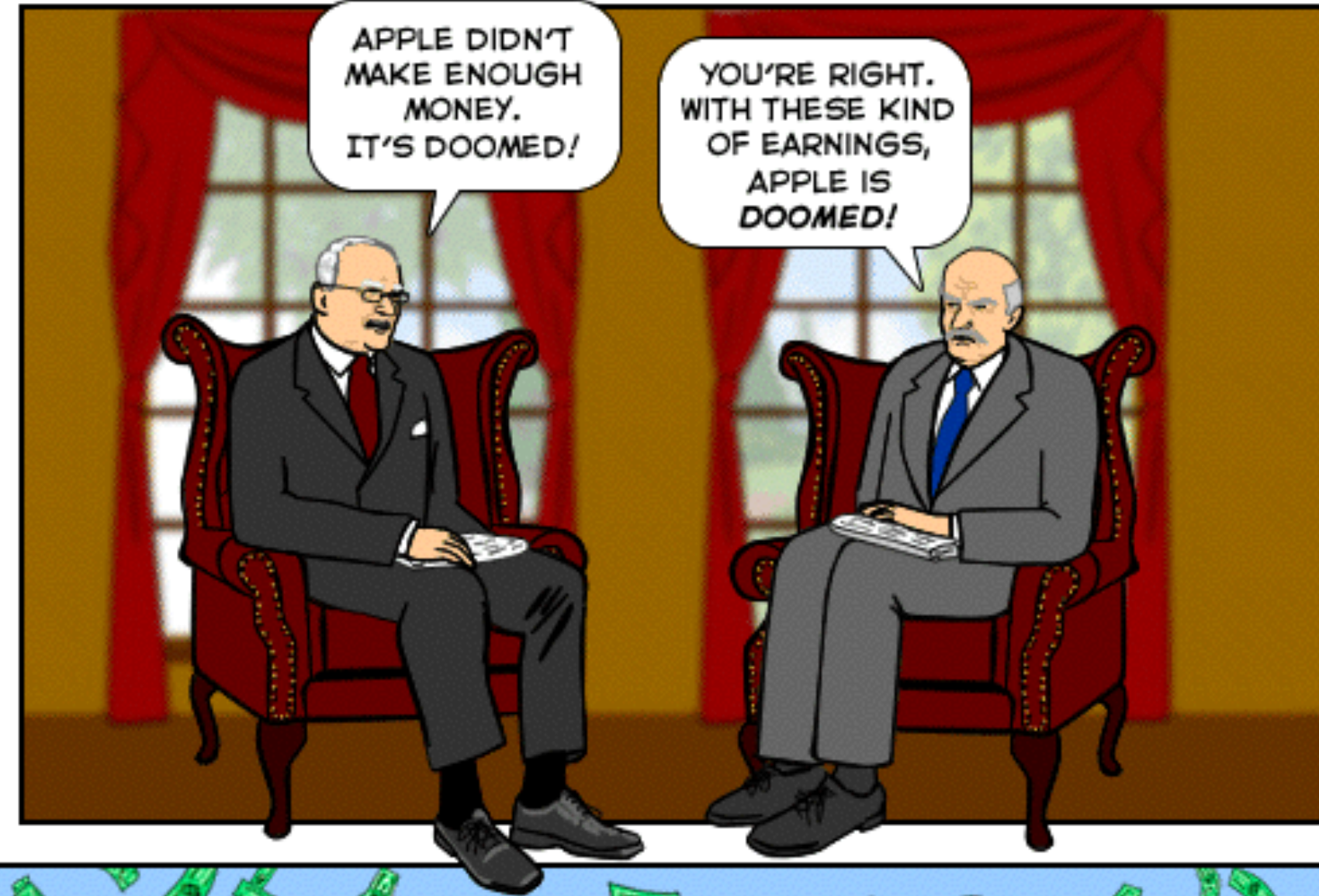


- Rumor that Siri will be added to the Mac Menu Bar this year
- The tvOS app store added a new ‘Not on This Apple TV’ option to the Purchased section. This makes it easier to spot apps that users previously purchased on their iPhone and iPad which have since been updated to support the fourth-generation Apple TV.
- Rumors: 9.7” iPad Pro and a new 4” iPhone will be released on March 21st

Apple News



- Apple released iOS 9.2.1, and OS X El Capitan 10.11.3. These were minor updates that contained security updates and bug fixes.
- Apple now says it has 1 billion active devices. One Apple device for every 7 humans on the planet
- Apple has announced financial results for its fiscal 2016 first quarter. Biggest quarter ever. The company posted record quarterly revenue of \$75.9 billion and record quarterly net income of \$18.4 billion.
- At \$18.4 billion, this is the most profitable quarter in history, topping its own prior record by nearly half a billion dollars. Exxon's \$15.9 billion quarter had been the record until last year when Apple smashed it with an \$18 billion December quarter.



iPhone Trade Up Program



- You can now trade in your eligible smartphone and use its value to lower the monthly payments on a new iPhone of your choice
- You will get an unlocked iPhone on a 24-month installment plan
- Android devices are also eligible
- Another option available is to get up to \$350 in immediate credit toward the purchase of a new device. Estimated trade in values:

iPhone 4, 4s

\$100

iPhone 5, 5c, 5s

\$200

iPhone 6

\$300

iPhone 6 Plus

\$350

iPhone Trade Up Program



What you trade in.

What you get.

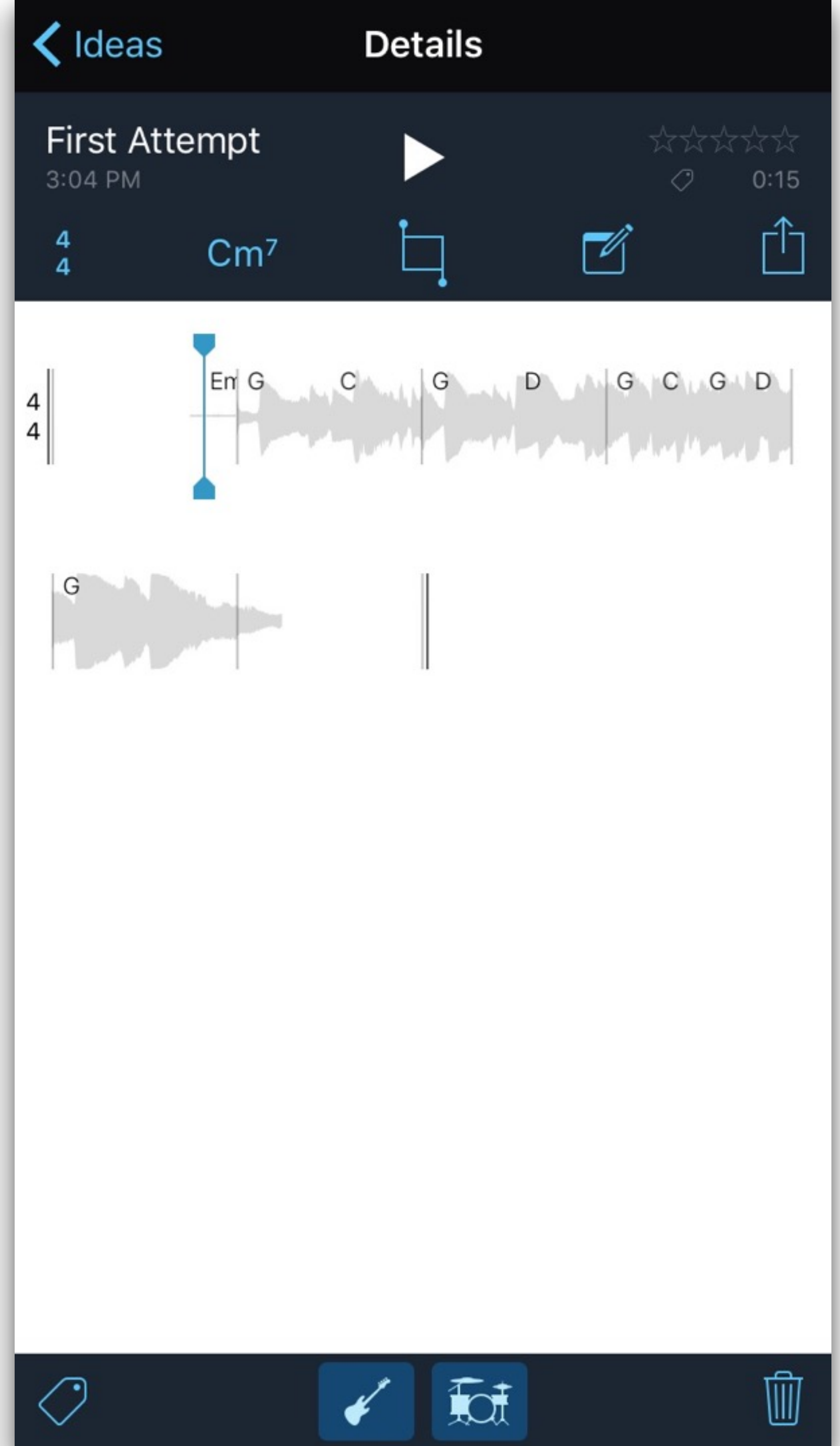
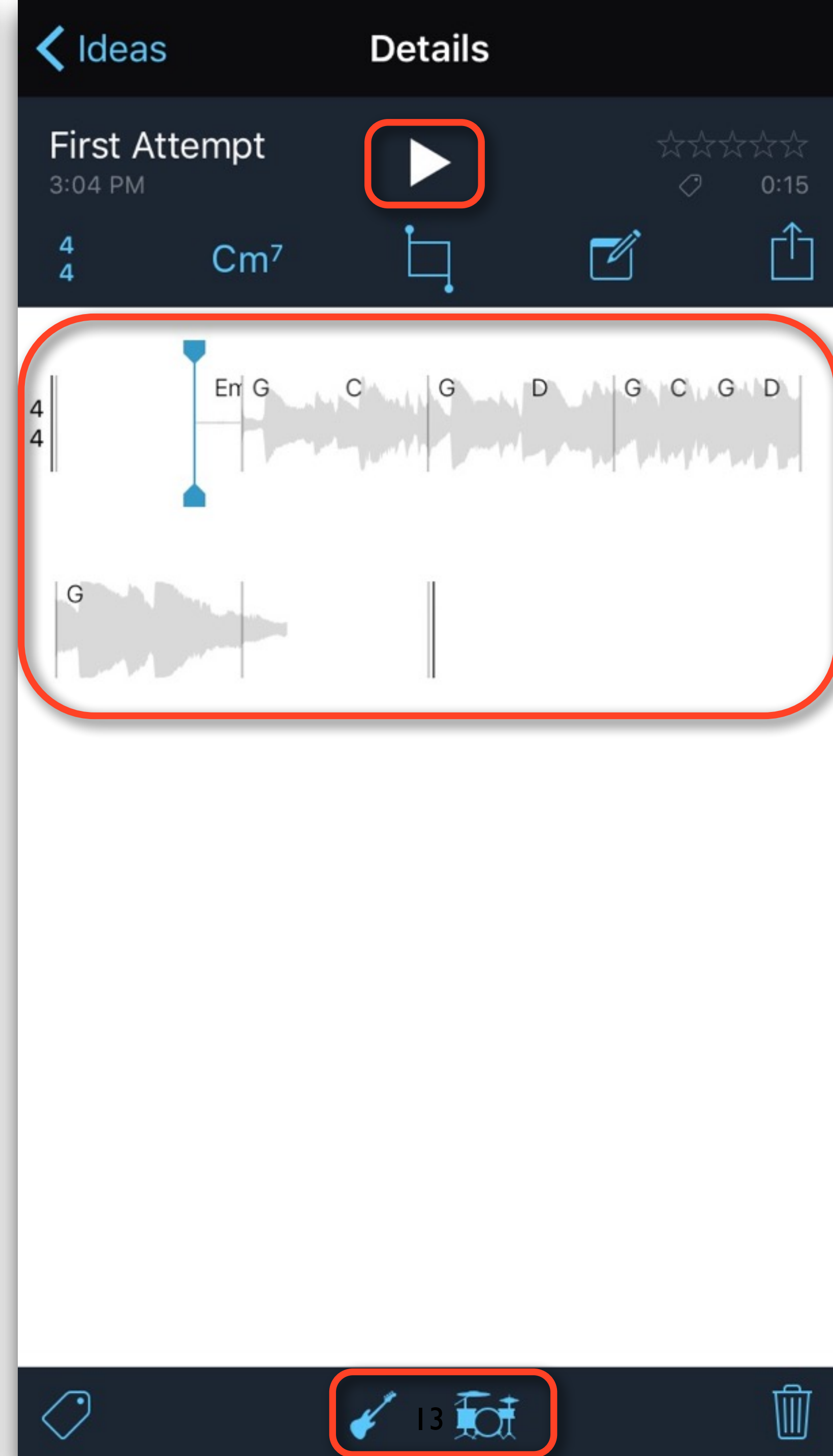
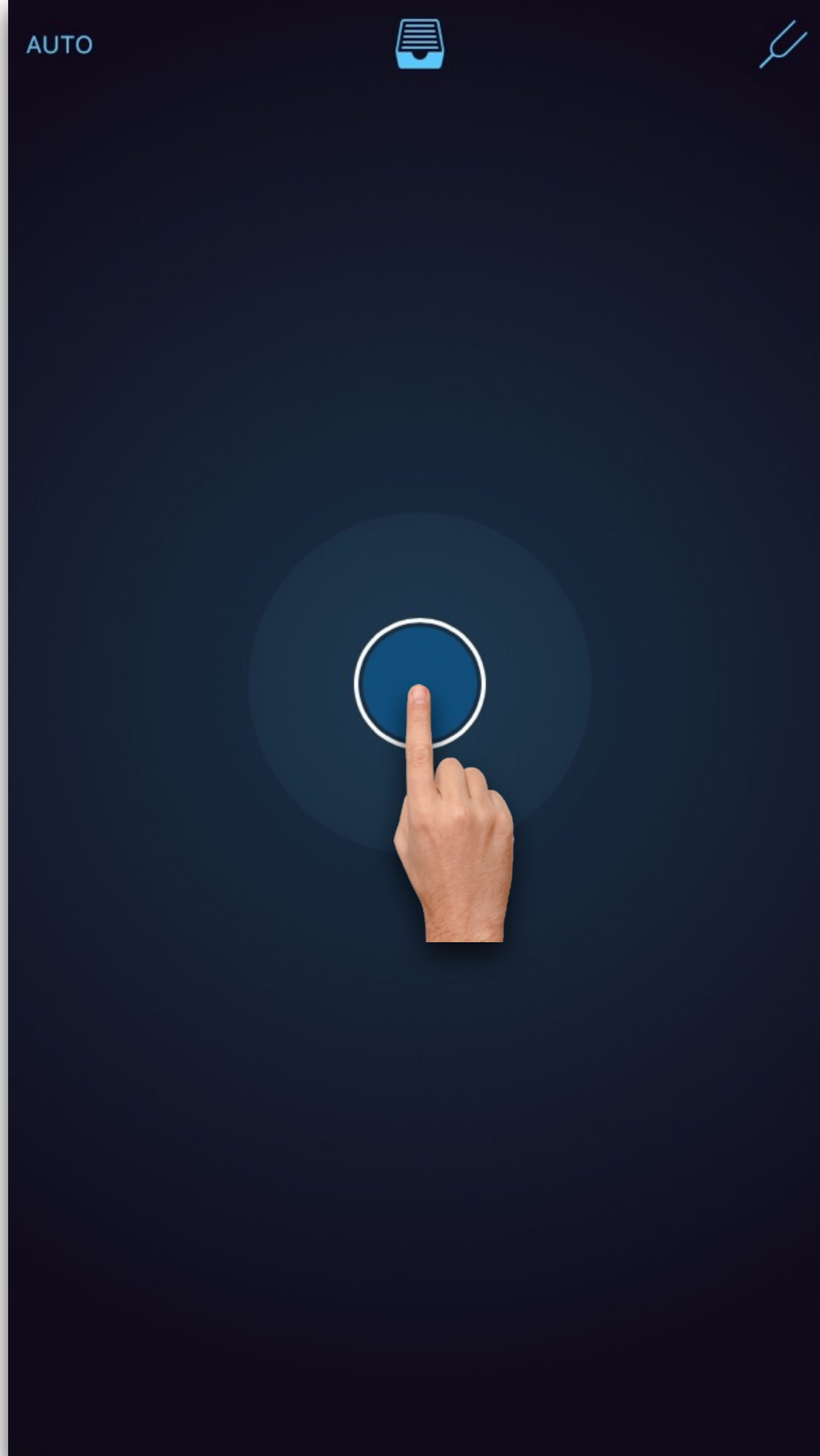
What you pay.

iPhone 4, 4s	iPhone 5s	\$14.58/mo.
	iPhone 6s	\$22.87/mo.
iPhone 5, 5c, 5s	iPhone 6	\$14.54/mo.
	iPhone 6s	\$18.70/mo.
iPhone 6	iPhone 6s	\$14.54/mo.
	iPhone 6s Plus	\$18.70/mo.



Music Memos

- Apple released a new free Music Memos app for iOS, designed to help musicians/songwriters capture new musical ideas
- You record instruments using the iPhone's built-in microphone
- The app then provides a basic view with chords automatically filled in
- You can also add instant drums and a bass line on playback
- You can also add comments (Capo, Tunings, etc...), trim the audio, change chord notations or time signatures
- Music Memos are synchronized via iCloud, and they can be shared via mail or sent to GarageBand

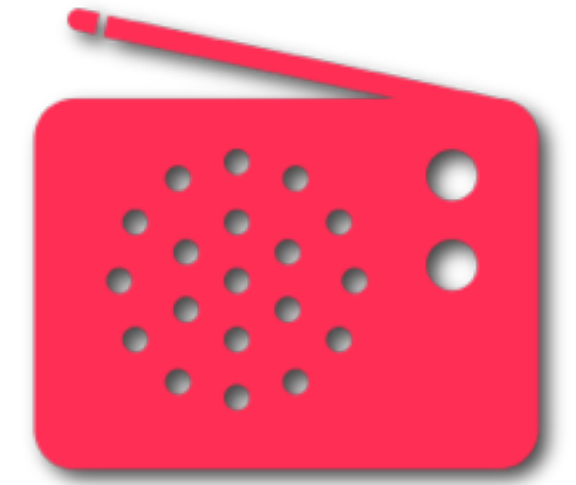


iPhone 6s Bug



- Apple confirmed a bug that causes some iPhones to misreport the amount of charge remaining in the iPhone 6s or 6s Plus.
- If you change the time on your iPhone 6s or iPhone 6s Plus manually or change time zones when traveling, the battery percentage may fail to update. To fix this problem:
 - Restart your iPhone.
 - Go to Settings > General > Date & Time and make sure that “Set Automatically” is turned on
- Apple is investigating the cause and a solution.

iTunes Radio



- Apple discontinued its free ad-supported version of iTunes Radio.
- iTunes Radio is Apple's Pandora-like music streaming service
- As of Jan. 29, iTunes Radio is now only accessible with an Apple Music subscription.
- iTunes Match users also lost ad-free iTunes Radio as a perk.
- Beats 1 Radio is still available for free without a subscription

Facebook Changes



- Facebook added a new feature called Reactions, an extension of the Like button.
- Now, in addition to the “Like” button, we have options for Love, Haha, Wow, Sad and Angry.
- Love is signified by a heart symbol while the rest are animated emoji.
- To see them, simply press and hold on the Reactions button (the current like button) and select which one you want.
- If the post has a slew of different reactions to it, you'll see a summary of the three most frequent reaction icons. On the other end, the person receiving them will get notifications saying someone "reacted" to the post.

FaceBook Reactions



Like



Love



Haha



Wow

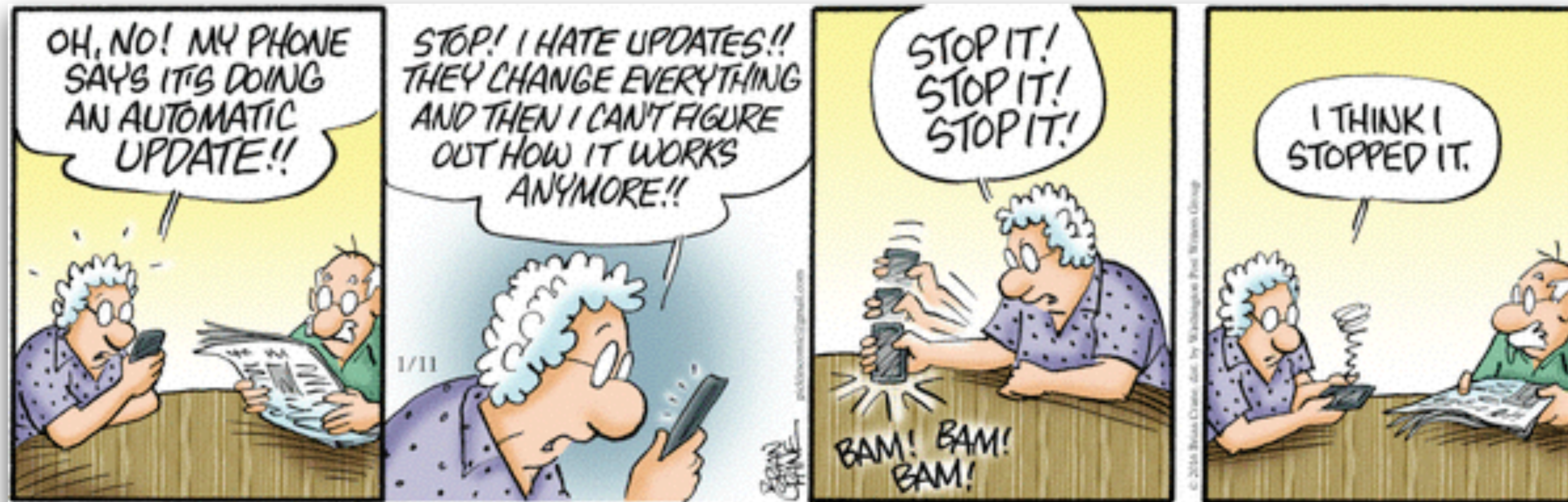


Sad



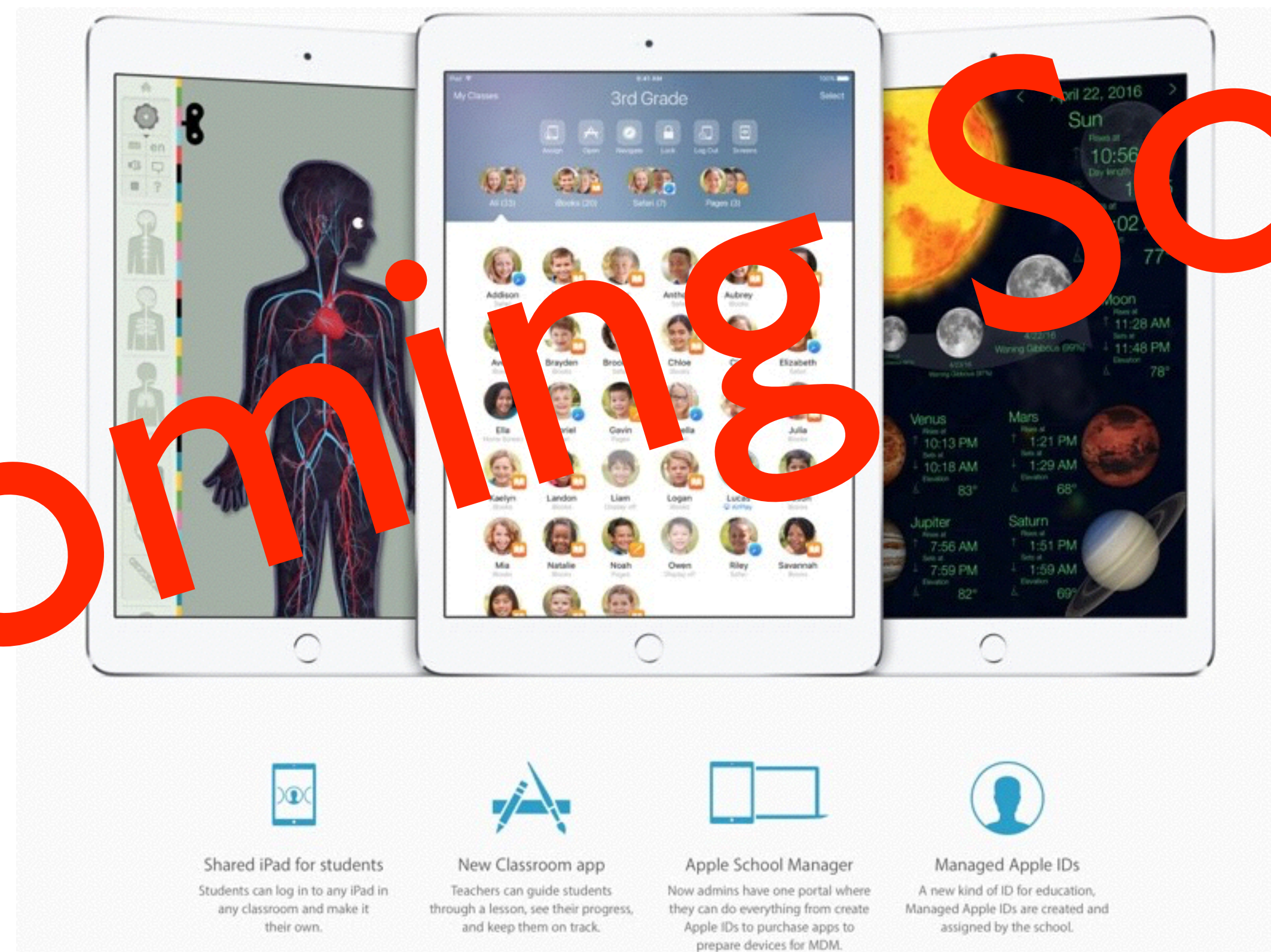
Angry

Updates



iOS 9.3, tvOS 9.2 and WatchOS 2.2

Coming Soon



New OS Versions



- Apple released beta versions of iOS 9.3, tvOS 9.2 and WatchOS 2.2
- Usually interim releases only contain security and bug fixes
- However in this case, all three of these releases will contain new features
- There's no mention of when finished versions will arrive. It depends on how long testing lasts and any issues that might need to be resolved

iOS 9.3



- The Notes app will now have the ability to password-protect individual notes.
- So, if you want to store personal information like credit card numbers, account credentials or medical information, you can keep them private.
- To unlock the note(s), you'll to use your Touch ID fingerprint or manually enter a Notes password that you previously set.

iOS 9.3



- iOS 9.3 will also have a new feature called Night Shift.
- Apparently, looking at blue light for too long sends false signals in your body to stay awake and alert, which cause issues if you use your device just before you go to bed.
- To counter this, iOS will use your clock and location to learn when the sun sets, then automatically make the color temperature on the display warmer to get rid of some of the distracting blues at night.
- In the morning when the sun rises, the display's colors will return to normal.

iOS 9.3 for Teachers



- The biggest changes in iOS are arriving for the education market
- For schools, the Shared iPad mode will now allow multi-user support
- Hopefully this might be something the general public may see a similar feature in iOS 10
- Educators can also take advantage of the new Classroom app so they can launch everyones apps at the same time and then guide what the students are looking at on their iPads
- Using AirPlay, teachers can also project a students work from a tablet onto the classroom television equipped with an Apple TV

iOS 9.3



- The Health app will now enable app discovery by suggesting new apps based on the categories you are tracking such as weight, workout and sleep
- There are also new 3D Touch shortcuts added for the Weather, Settings, Compass, Health, App Store and iTunes Store apps.

WatchOS 2.2



- Your Apple Watch goals will now be visible in the Health app
- You will have the option of pairing with more than one Watch at a time.
- This will be particularly useful for developers who can see how their apps will work on new Apple Watch hardware compared to older hardware
- It will also be useful for anyone who owns more than one Apple Watch.

tvOS 9.2



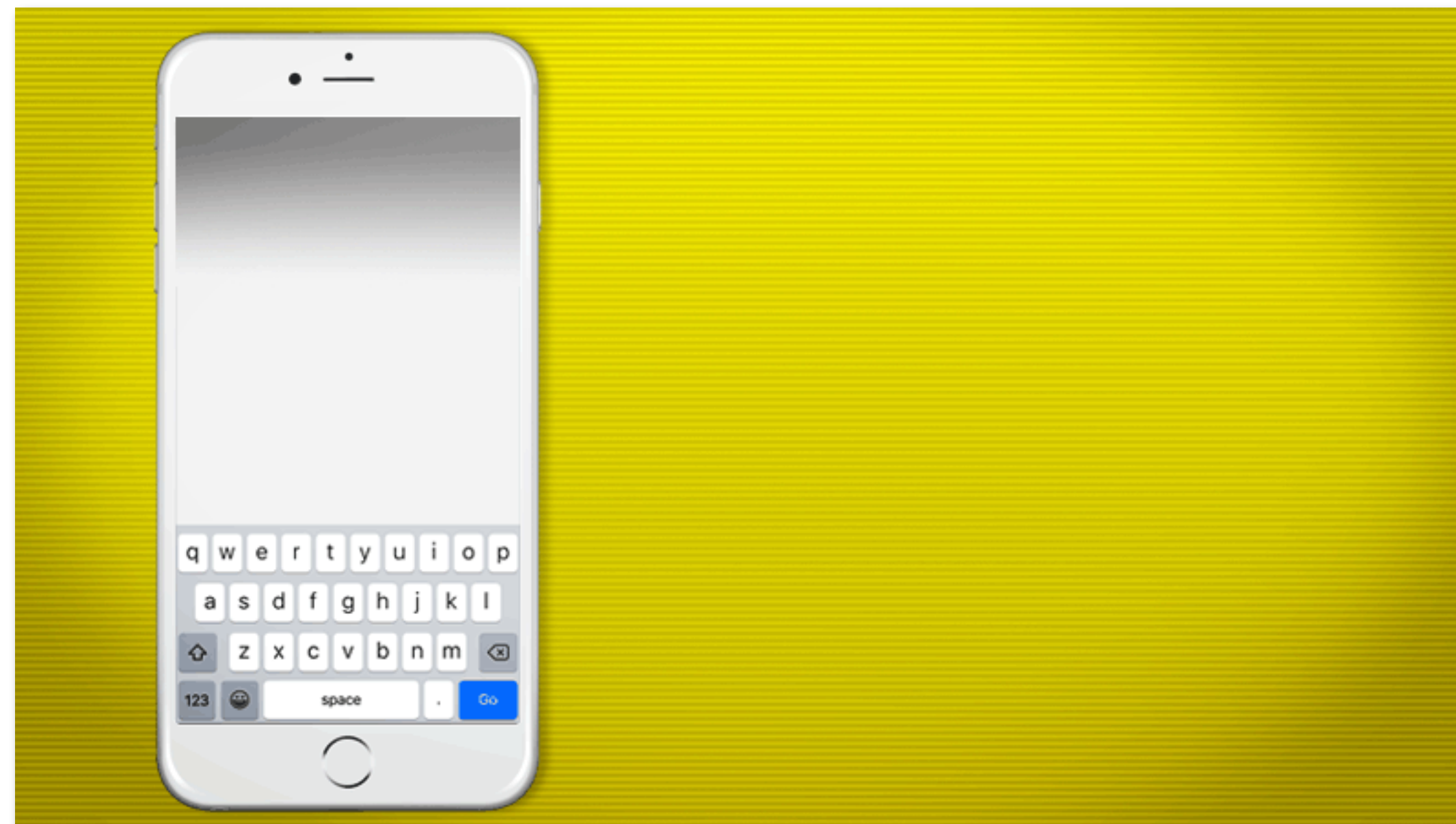
- A new Apple Podcast App was added with 9.1.1 (It was missing on the fourth generation Apple TV)
- tvOS 9.2 will add a number of new features for the Apple TV (fourth-generation only)
 - The ability to organize apps in folders on the home screen
 - The ability to connect a Bluetooth keyboard for easier text entry
 - A new multitasking interface

Quick Tips



Horizontal vs Vertical

- In most cases, when you flip your phone into landscape mode, you get the same view you see in portrait mode, just sideways.
- However in some cases, you get options you don't see in portrait mode.
- For example



LONGWOOD GARDENS



Our Summer Playlist

Member Pre-sale: [March 7-10](#)

Use discount code **SUMMERSERIES** to unlock your Member discounted pricing, and be sure to set up your new account in advance of the Member Pre-sale.

Mail



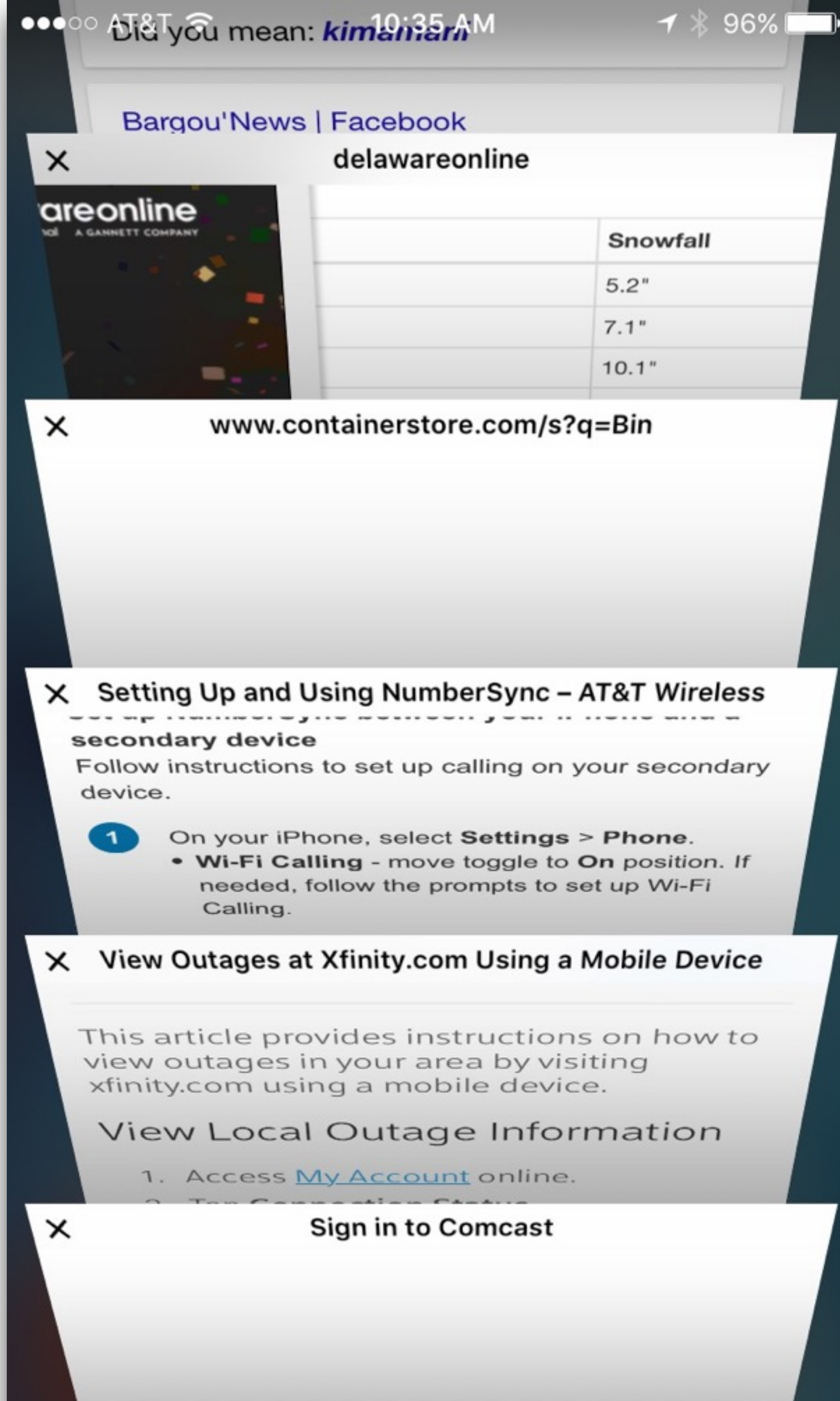
Our Summer Playlist

Calculator

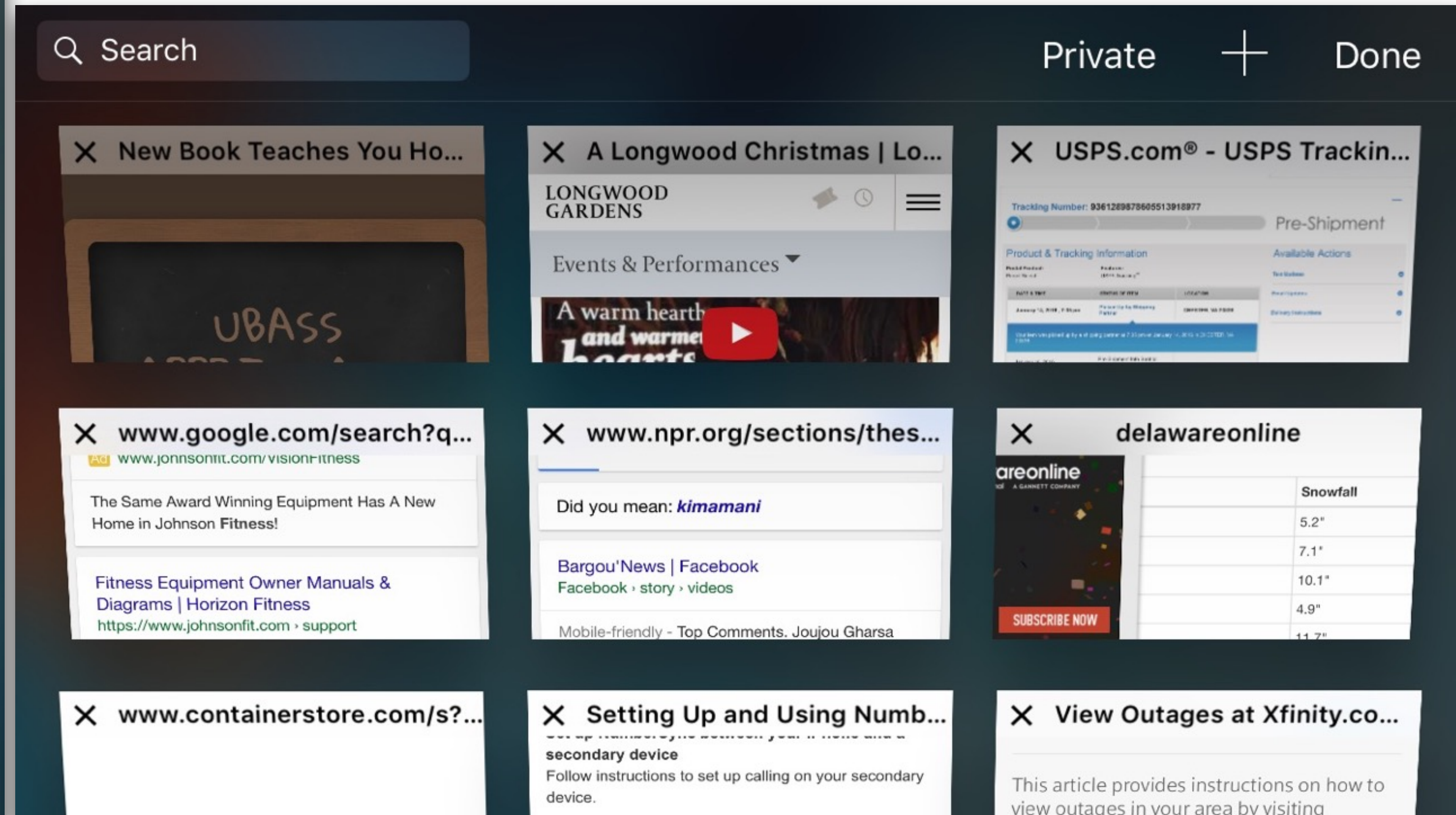
41.4

AC	+/-	%	÷
7	8	9	×
4	5	6	−
1	2	3	+
0	.	=	

41.4									
()	mc	m+	m-	mr	AC	+/-	%	÷
2 nd	x ²	x ³	x ^y	e ^x	10 ^x	7	8	9	×
$\frac{1}{x}$	$\sqrt[2]{x}$	$\sqrt[3]{x}$	$\sqrt[y]{x}$	ln	log ₁₀	4	5	6	−
x!	sin	cos	tan	e	EE	1	2	3	+
Rad	sinh	cosh	tanh	π	Rand	0	.	=	



Safari Tab View



●●●○ AT&T 10:20 AM 97%

< February

+

Sun Feb 21

6:15 PM

10:00 PM

Dancing Fools Practice and Dinner

Mon Feb 22

all-day

Washington's Birthday

12:45 PM

1:45 PM

Zumba w/Mary

in 2 hr, 24 min

2:00 PM

3:00 PM

Dolly Molesky

Newark Senior Center

in 4 hr

Tue Feb 23

10:00 AM

11:00 AM

Advance Visit

Wed Feb 24

8:30 AM

9:30 AM

Zumba w/Jen in Gym

Fri Feb 26

all-day

📅 Munetaka Kubota's Birthday

10:45 AM

11:45 AM

Zumba w/Musulain #1 Room

group room1

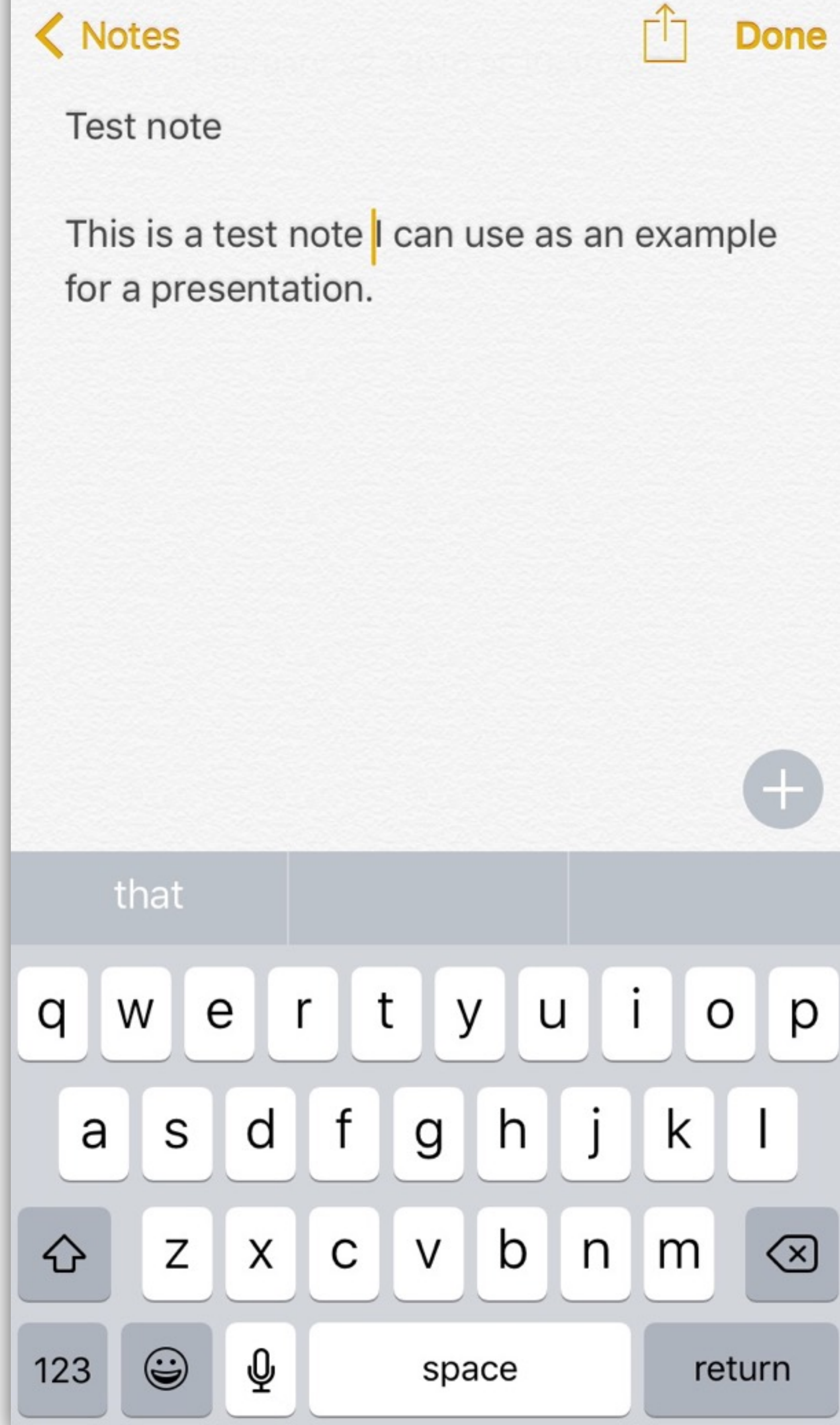
Today

Calendars

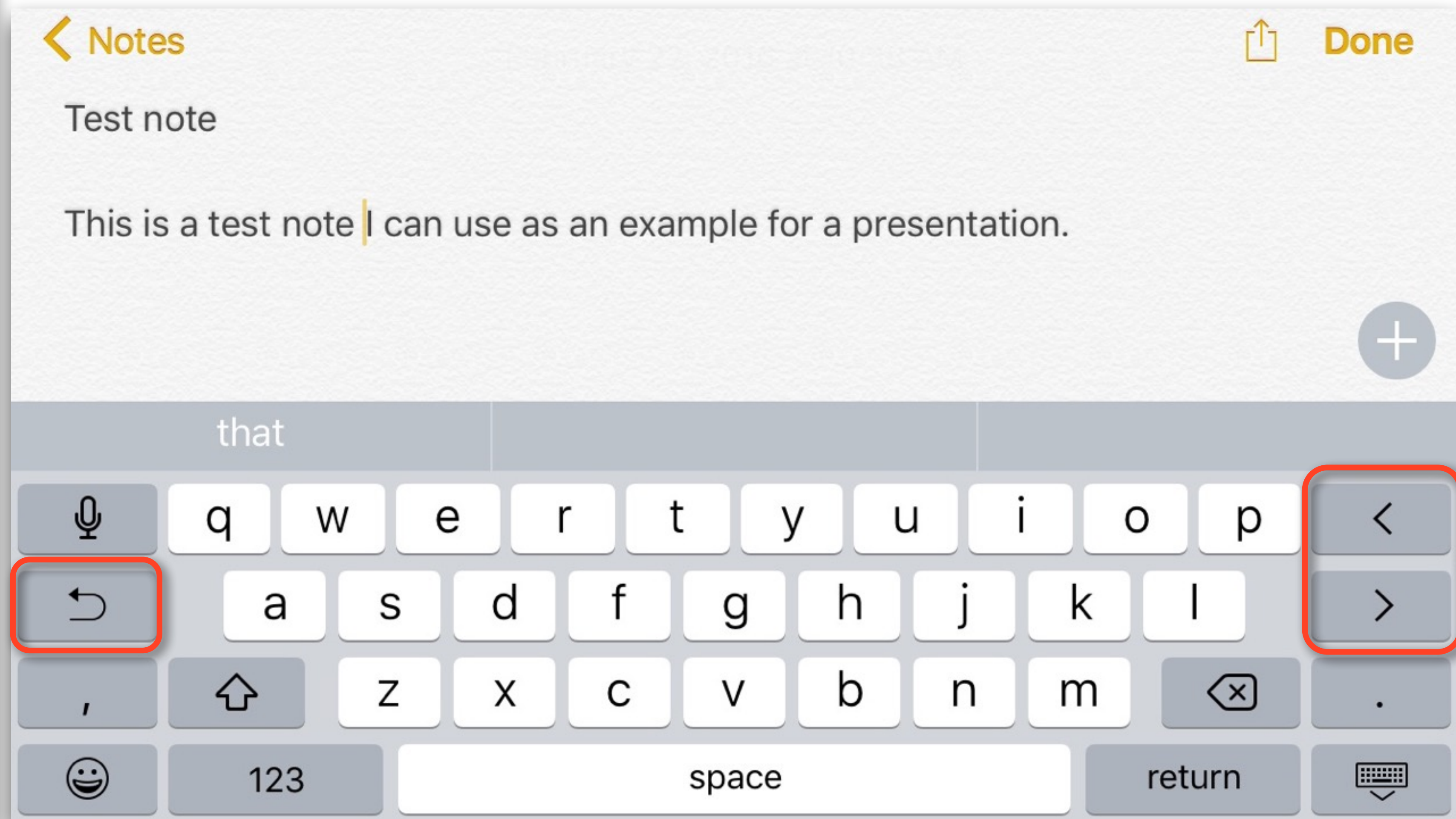
Inbox

Calendar

FEB	21 Sunday	22 Monday	23 Tuesday	24 Wednesday	25 Thursday
all-day		Washington's Birth...			
8 AM					
9 AM				Zumba w/Jen in Gym	
10 AM					
10:20 AM			Advance Visit		
11 AM					
Noon					
1 PM		Zumba w/Mary			
2 PM		Dolly Molesky			



Keyboard



DOW J 16,589.88 + 197.89

DD 61.01 + 1.04

CC 4.32 + 0.19

CSC 27.81 + 0.36

NASDAQ 4,558.66 + 54.23

S&P 500 1,941.91 + 24.13

AAPL 96.29 + 0.25



Stocks





Stocks



DOW J 16,589.88 + 197.89

DD 61.01 + 1.04

CC 4.32 + 0.19

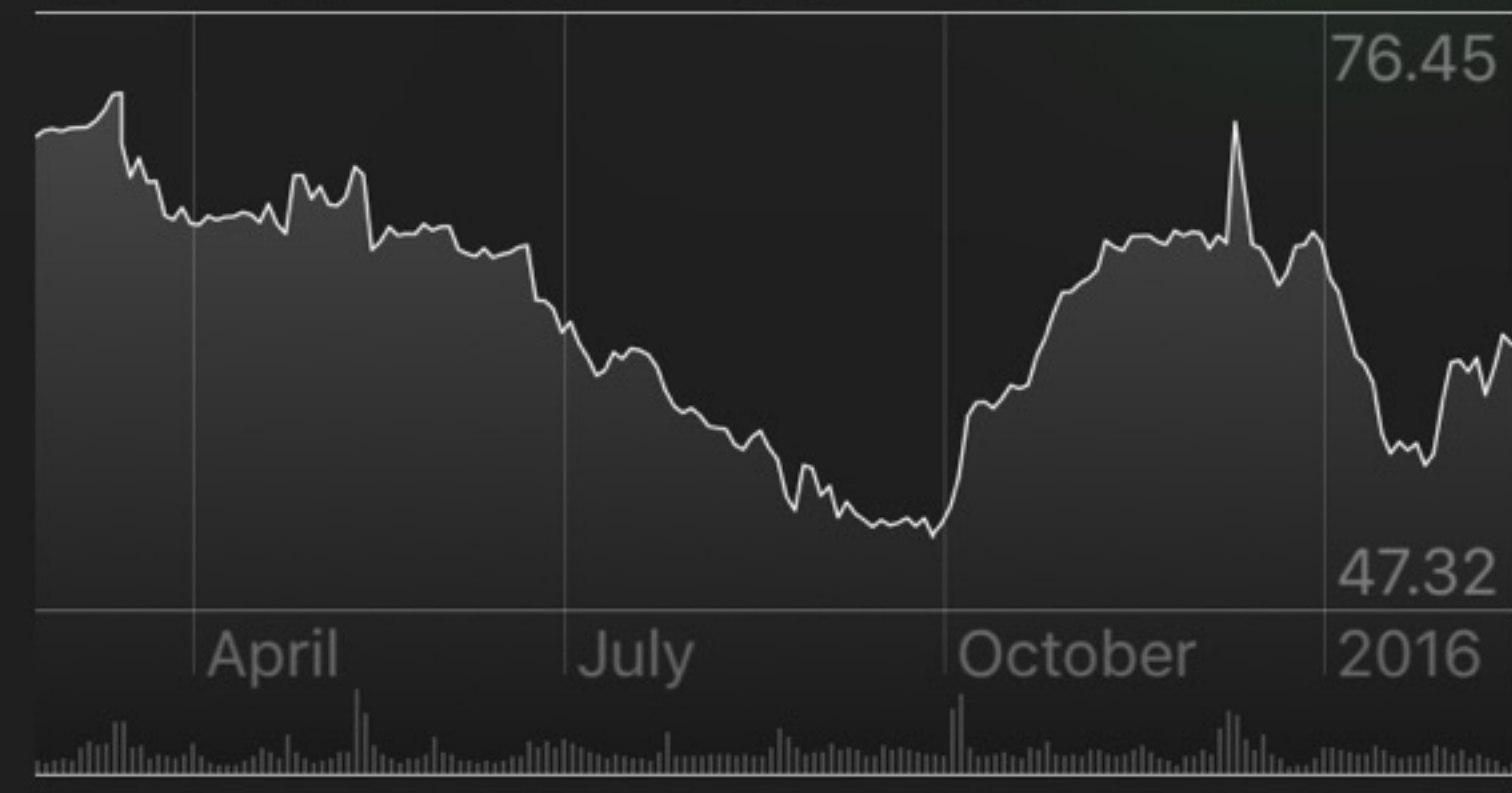
CSC 27.81 + 0.36

NASDAQ 4,558.66 + 54.23

S&P 500 1,941.91 + 24.13

AAPL 96.29 + 0.25

1D 1W 1M 3M 6M 1Y 2Y



Stocks



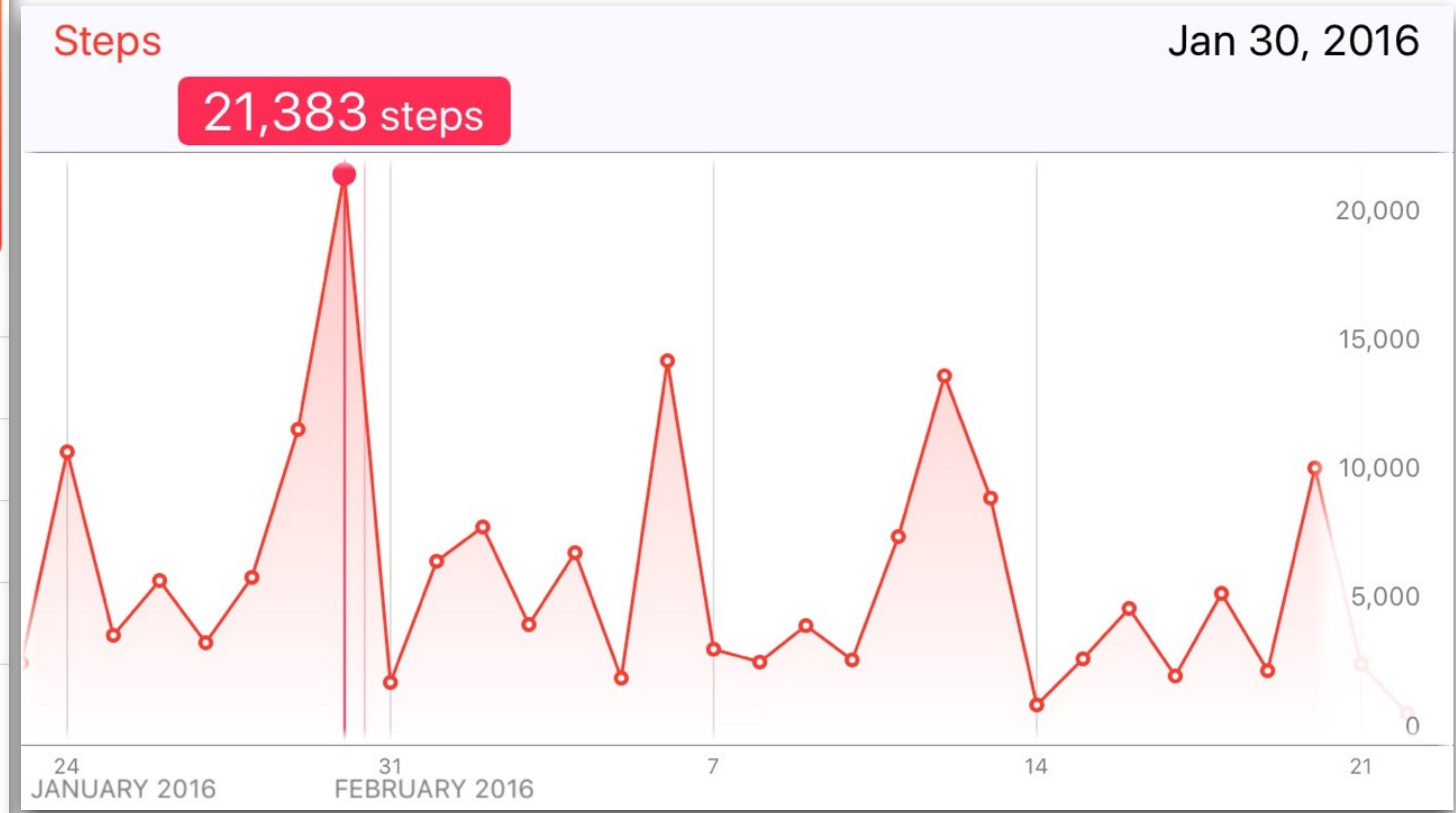




- Show on Dashboard ☒
- Show All Data >
- Add Data Point >
- Share Data >
- Unit steps

Step count is the number of steps you take throughout the day. Pedometers and digital activity trackers can help you determine your step count. These devices count steps for

Health



Closing Web Pages



- When looking at people's iOS device, I constantly see a lot of web pages open in Safari.
- As long as it's intentional, it's OK. However if it's not intentional, eventually it will make it harder to find pages
- It also takes resources and can slow Safari down if it gets too out of hand.
- So close web pages when you are done using them
- Here is an easy way to close excess pages



Google



Meet OnHub, the home router for fast, simple, secure Wi-Fi.

Unknown - [Use precise location](#)

X ugp01.c-ij.com/ij/webmanual/Tut...



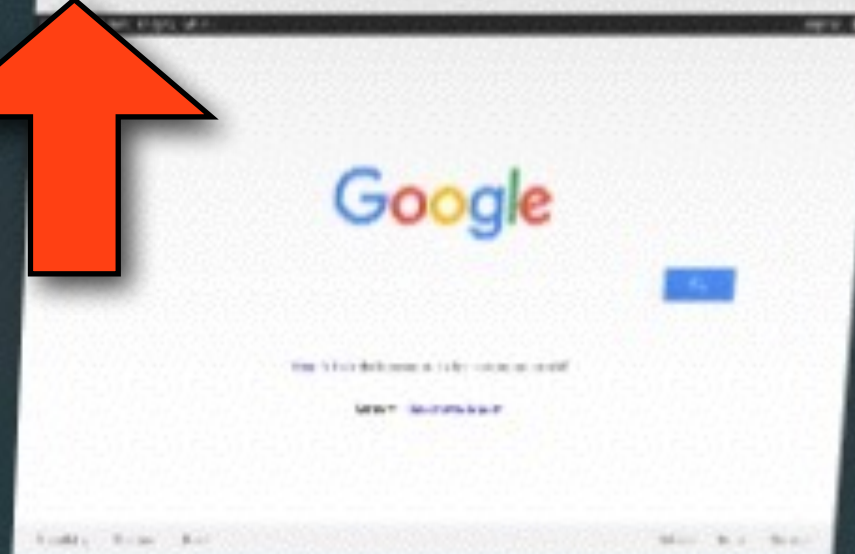
X How to Set Up a Comcast Email i...



X prov.wifi.xfinity.com/prov/secure...



X Google



iMac 27

(1) Facebook

closing ipad web pages - Google...

Apple Launches In-store iPad Art...

Mail was unable to remove the del...

Doug's iPhone 6

New Book Teaches You How to Pl...

A Longwood Christmas | Longwo...

USPS.com® - USPS Tracking®

Favorites

Trade of the Year | By Trader's Ch...

Doug's Air 2

4 simple tricks to make way bette...

Show Status Spreadsheet

Specialty & Decorative Cabinet D...

Kitchen Cabinet Organizers, Cabi...

USPS.com® - USPS Tracking®

My Neighbor Totoro - Wikipedia, t...

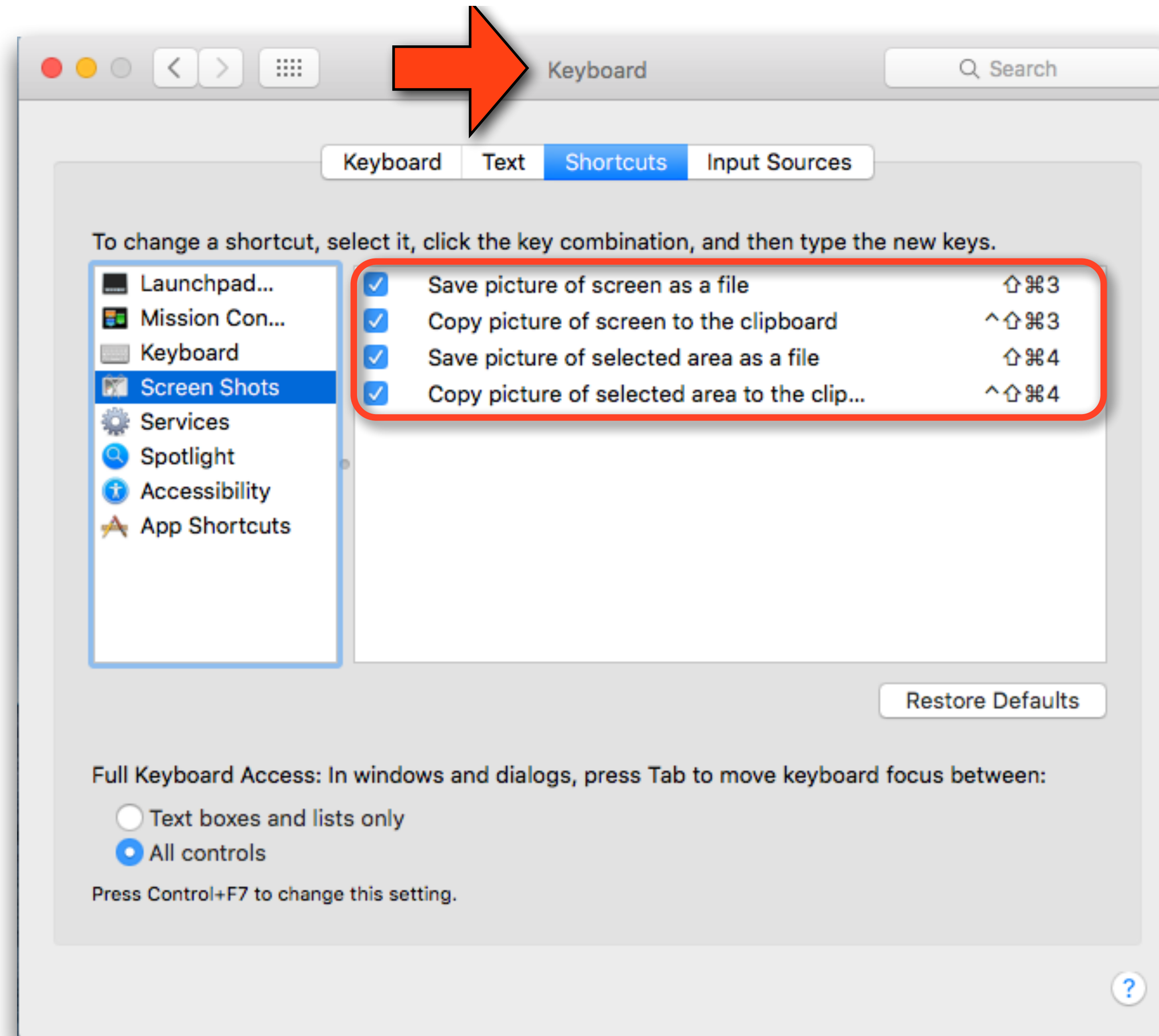
Screen Shots



- It's sometimes difficult to understand a computer problem when people ask for help. A lot of people have a hard time describing the problem.
- “I don't know the language” is a common theme
- A screen shot is a great way to communicate your issue
- To take a screen shot on an iOS device, just hold the power button and the home button at the same time. The screen shot will be in your camera roll.
- On a Mac press “Shift-Command 3”. The screen shot will be on your desktop. See Keyboard preferences for other options.

Mac Screen Shots

⇧ shift ^ control ⌥ option ⌘ command



Junk/Spam Mail



- Scammers are getting better and better at sending out mail that looks official to get you to click on a dubious links.
- Sometimes the link will just lead to a site with ads, but it could be malicious or attempt to trick you into installing malicious software.
- Here are a couple of methods to help you determine if a mail message is real or a scam.

Is this legit?

LinkedIn Accounts
To: Douglas Irish
LinkedIn Accounts has sent you a personal message

LinkedIn Accounts
To: Douglas Irish
LinkedIn Accounts has sent you a notification
Date: 2/08/2016
<http://www.linkedin.com/?action=viewNotification&gx=member&member=db1efe8b>
[View/reply to this message](#)

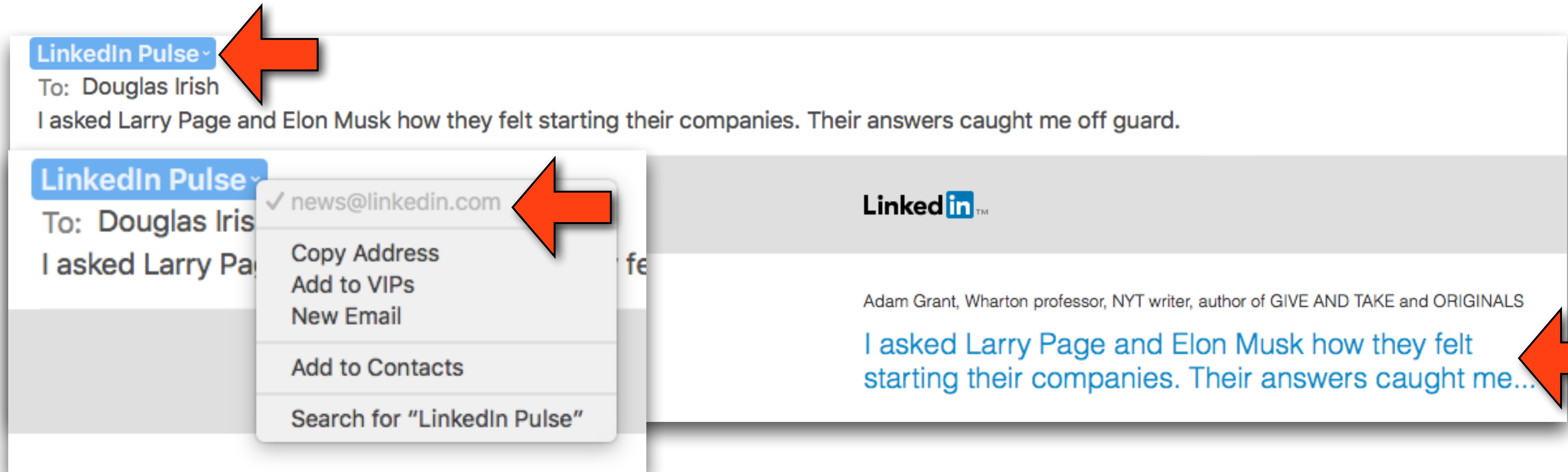
LinkedIn
LinkedIn Accounts has sent you a notification
Date: 2/08/2016
<http://www.linkedin.com/?action=viewNotification&gx=member&member=db1efe8b>
<http://gs-iraq.com/photographers.php>

This email was intended for irishdf@gmail.com.
2016, LinkedIn Corporation. 2029 Stierlin Ct. Mountain View, CA 94043, USA

electrochronographic@cajunnet.net

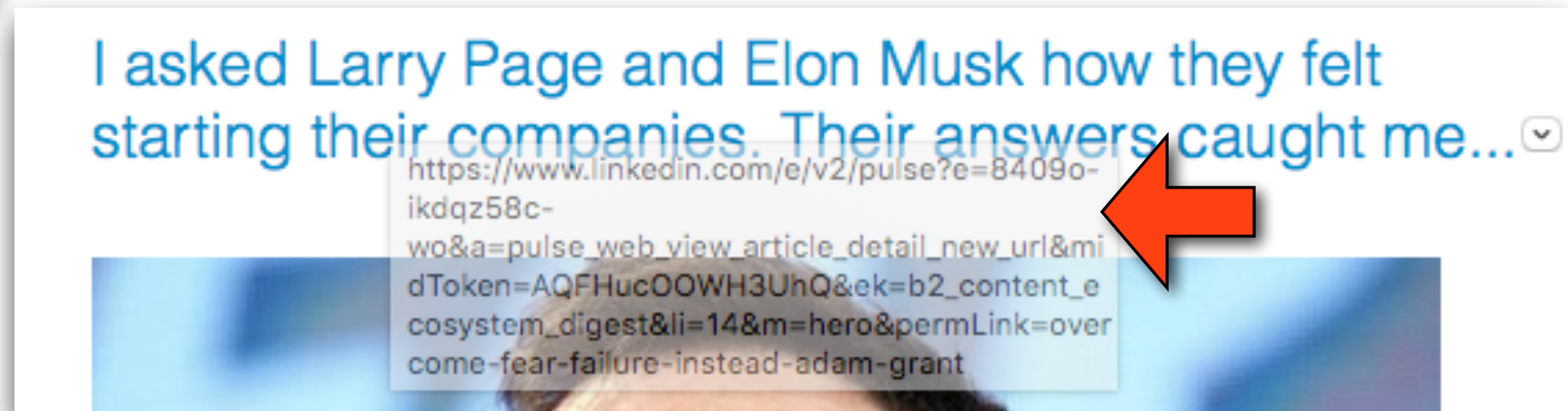
<http://gs-iraq.com/photographers.php>

Is This Legit?



news@linkedin.com

https://www.linkedin.com...





Your Questions



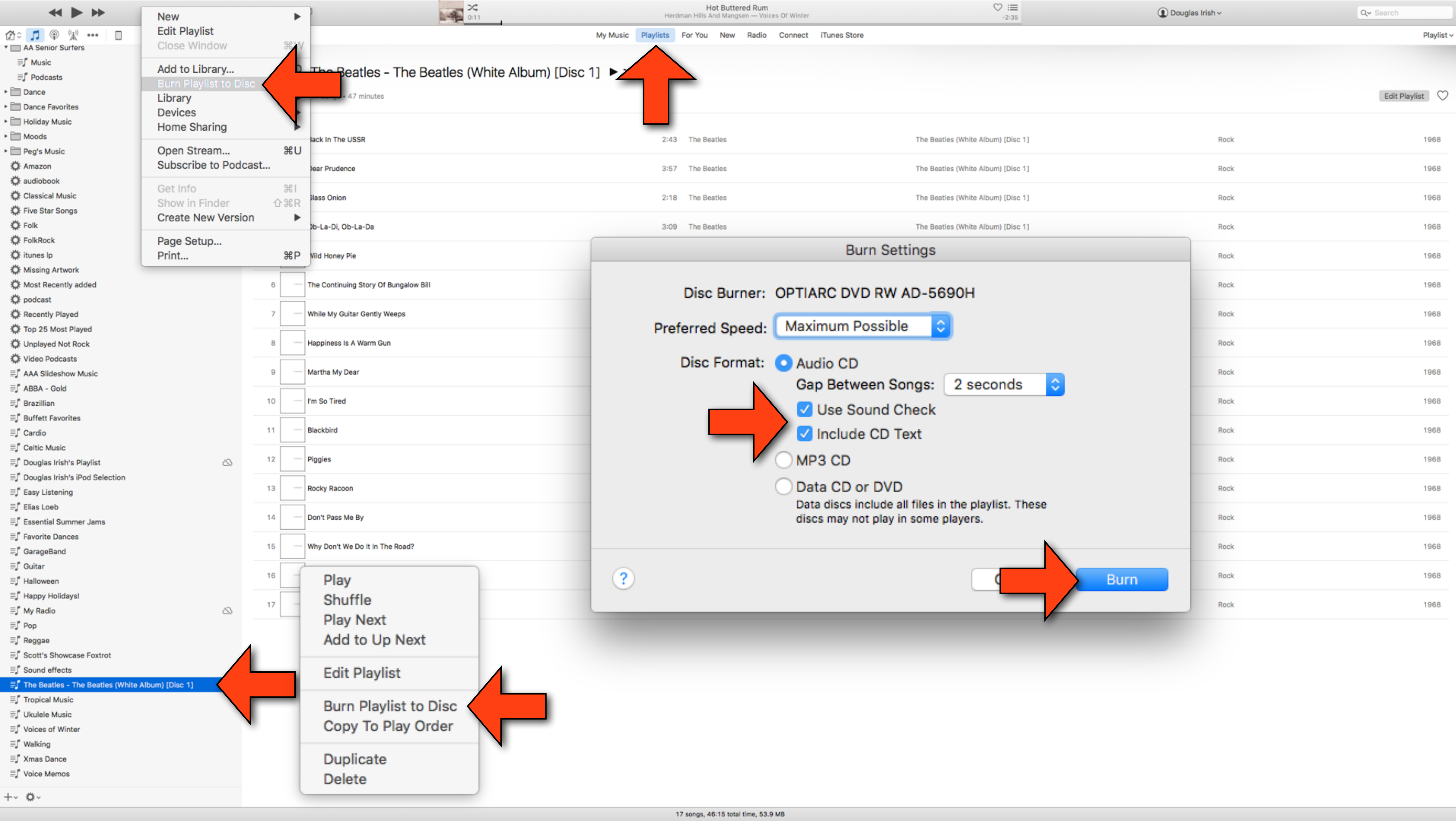
Question

- I was wondering if you could go over the procedure for burning a playlist from iTunes to a blank CD.

Burning Audio CDs



- To burn an Audio CD, you must first create a playlist in iTunes
- Select the playlist and then right-click on the playlist (or use the File menu) and select “Burn Playlist to Disc”
- Use “Sound check” to have all the songs play at the same volume
- Use “Include CD Text” to include information that some CD players can display.
- Click Burn and insert a blank Disk

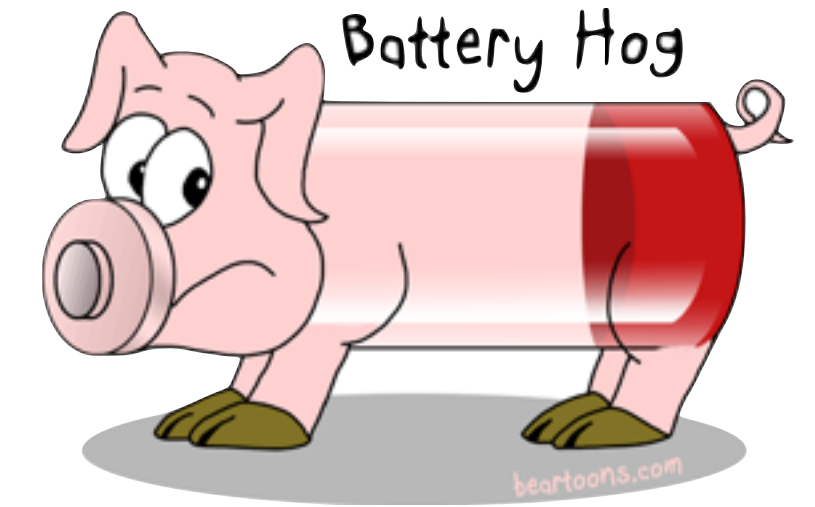




Question

- Can you help with some instructions on how to get rid of programs on an iPad that drain the battery?

Battery Hogs



- To see what apps are consuming your battery, go to “Settings” and select “Battery”.
- Remember if you use Facebook 50% of the time, you’d expect it to be 50% of your battery usage.
- You can either delete the app, or go to the app settings and see if there are things like “background app refresh” that you can turn off
- To delete an app, just tap and hold until it goes into jiggle mode then tap the X on the icon. When finished, hit the home button to exit jiggle mode.



Settings



Airplane Mode



Wi-Fi

network72



Bluetooth

On



Notifications



Control Center



Do Not Disturb



General



Display & Brightness



Wallpaper



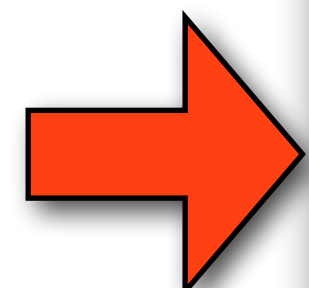
Sounds



Touch ID & Passcode



Battery



Battery

Battery Percentage



Show percentage of battery remaining in the status bar

BATTERY USAGE

Last 24 Hours

Last 7 Days



Facebook

36%



Feedly

33%



Safari

17%



Mail

Background Activity

4%



Pro Solitaire

3%



Home & Lock Screen

3%



Photos

1%



Connect

Background Activity

1%



IMDb


1%











Messages

1%

Settings

-  Airplane Mode ☐
-  Wi-Fi network72
-  Bluetooth On

-  Notifications
-  Control Center
-  Do Not Disturb

-  General
-  Display & Brightness
-  Wallpaper
-  Sounds
-  Touch ID & Passcode

 Battery

Battery

Battery Percentage













Show percentage of battery remaining in the status bar.

BATTERY USAGE

Last 24 Hours

Last 7 Days



	Facebook 3.3 hrs on screen – 1 hr background	36%
	Feedly 3.7 hrs on screen	33%
	Safari 1.5 hrs on screen	17%
	Mail 20 min on screen – 33 min background	4%
	Pro Solitaire 45 min on screen	3%
	Home & Lock Screen 22 min on screen	3%
	Photos 3 min on screen	1%
	Connect 2.3 hrs background	1%
	IMDb 4 min on screen – 5 min background	1%
	Messages 10 min on screen	1%



Contacts



Music



Messages



FaceTime



Reminders



Notes



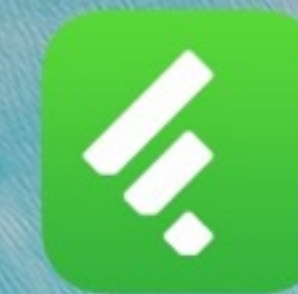
Clock



Facebook



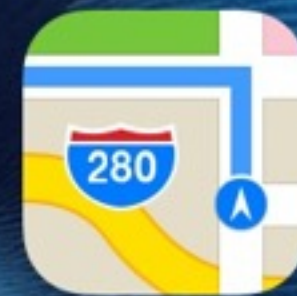
Twitter



Feedly



Weather



Maps



Classic



Videos



Pro Solitaire



TV Movies



Tips



Sports



iWork



News



Calendar



Safari



Mail



Photos



App Store



Settings



Contacts



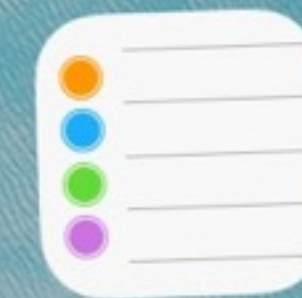
Music



Messages



FaceTime



Reminders



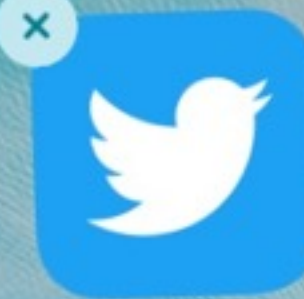
Notes



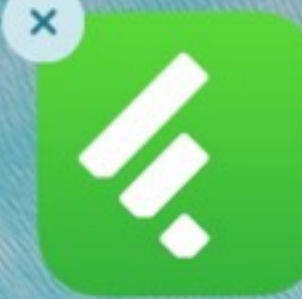
Clock



Facebook



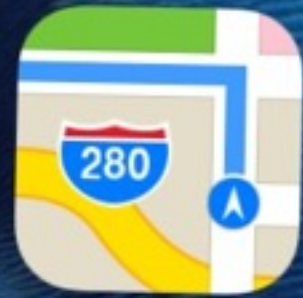
Twitter



Feedly



Weather



Maps



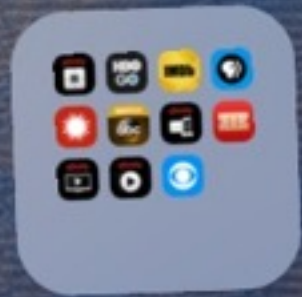
Classic



Videos



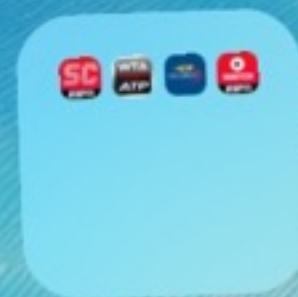
Pro Solitaire



TV Movies



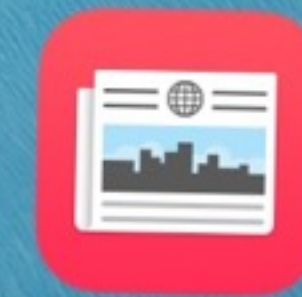
Tips



Sports



iWork



News



Calendar



Safari



Mail



Photos



App Store



Settings



Question

- My wife has an iPad. She is interested in doing art things on it. I bought her a Sensu portable artist brush and stylus for Christmas.
- It has recommended we download from the Apple App store some tools that can assist her. We have downloaded Brush Redux, Asketch, and Colored Pencils.
- When we tried to work with them, we had difficulty.
- Is there anyone in the group that has experience using these art tools that can help us work with them?

Art Workshops



- I have no experience/expertise in this area, however...
- Apple has a new in-store workshop titled "Sketch, Draw, and Paint with iPad" that teaches basic techniques for sketching, drawing, and painting with apps.
- You'll need to bring your own iPad, and stylus
- The hour-long workshop is free and available in Apple's retail stores
- Anyone here with this type of experience?



Question

- Hi Doug, My friend just got her iPad Air2 and sent this question. Is it safe to use for banking and credit cards if she has a secure wifi connection?
- I'd think that the security would depend on the wifi connection and not the device. Is that correct?

iPad Security



- iOS devices are considered some of the most secure devices out there (just ask the FBI)
- By design, the App Store is the only way to install software. Everything in the App Store is vetted by Apple and in the rare event that something slips by, it's removed immediately.
- The encryption is superb (As long as you have a passcode)
- The biggest risk in using it, would be issues with Wi-Fi network or the web site you are visiting - but these issues are not unique to any device.



Question

- This may be outside your expertise but perhaps you can answer in a more general way.
- Ancestry stopped selling it's popular Family Tree Maker software Dec 31st. Support will still be available through 2016.
- A lot of people will be looking for something else to replace it during the current year.
- Wondering what your suggestions might be on selecting a replacement software for a Mac.
- In general, when selecting any replacement software, what steps do you recommend?

New Software



- One of the best resources are friends with similar interests
- I prefer the Mac store, so I would search there first
- Look at the description, average ratings, reviews, and screenshots.
- Note: Don't discount something because of a few bad reviews. I've never found anything online without a few bad rating.
- That being said, read the bad ratings to see if it applies to you.
- My next option is Amazon then Google.
- Read reviews on web sites not related to the software developer.
- Download only from the developer's web site.



MacFamilyTree 7 4+

MacFamilyTree 7 gives genealogy a facelift: It's modern, interactive, incredibly fast and easy to use. We're convinced that generations of chroniclers would have loved to trade in their genealogy tools for MacFamilyTree 7. MacFamilyTree helps you collect and record facts and data about your family history and turns them into informative reports and charts.

...

What's New in Version 7.6.2

- Several issues printing Reports to multiple pages solved
- Added support for importing URLs in Sources from GEDCOM...

\$49.99

...More

...More

- Synium Software GmbH Web Site >
- MacFamilyTree 7 Support >
- Privacy Policy >

Information

Category: Productivity

Updated: Nov 25, 2015

Version: 7.6.2

Price: \$49.99

Size: 288 MB

Family Sharing: Yes

Languages: English, Czech, Danish, Dutch, Finnish, French, German, Hungarian, Italian, Norwegian, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish

Seller: Synium Software GmbH

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Rated 4+

Compatibility:

OS X 10.7.5 or later, 64-bit processor

More by Synium Software GmbH

Screenium 3
Video
★★★★☆

Logoist 2
Graphics & Design
★★★★★

iFinance 4
Finance
★★★★★

MyFourWalls
Graphics & Design
★★★★★



1 Free online research on FamilySearch.org

2 Sync your Family Tree using iCloud

3 Redesigned user interface for OS X Yosemite

Customer Ratings

▼ Average rating for the current version: ★★★★★ 9 Ratings



► Average rating for all versions: ★★★★★ 160 Ratings

Rate this application: ★★★★★

Reviews

Best ever! ★★★★★

by berrhenry - Version 7.6.2 - Feb 04, 2016

[All Reviews by This User >](#)

I love this app, especially since I am in a same sex marriage and this app is the only one I ha found that allows me to add my husband as a husband and not as a friend, lol; even step family members are allowed in the app, and the most part is that I can import data from the familysearch website.

Was this review helpful? **Yes** | **No**

[Report a Concern >](#)

frustrated, this crashed after three hours with no auto backups ★★★★★

by Kayakbabe yawls - Version 7.6.2 - Jan 28, 2016

[All Reviews by This User >](#)

This software is supposedt to autobackup . I am an mac OS X yosemite and it didn't backup like it was supposed to. It crashed and I lost four hours worth of work. needless to say. I'm going to go look at something else.

frustrated.

1 out of 1 customers found this review helpful

Was this review helpful? **Yes** | **No**

[Report a Concern >](#)

So far so good ★★★★★

by Lyokeep - Version 7.6.2 - Feb 01, 2016

[All Reviews by This User >](#)

I've just downloaded the program and imported my FTM Mac 3 gedcom file. My middle names are also all in the first name field. None of my locations show up on the map. I'd say 90% of my media files did not transfer. Guess this will give me a chance to go through each family one by one and fix all the unlinked stuff. I still give it a 4 because from what I'm seeing regarding the forms and data I think I'm going to like it a lot better. Adopted family members are much easier to enter. Non married partners etc. I love the reporting features and the very intuitive data management section makes finding and fixing errors really easy. I'll update this review as I get more familiar with things. Oh, I also wanted to add that I kind of got fed up with Ancestry when needing to reinstall Family Tree Maker. You need a serial number and if you don't have original email (if downloaded online) or original disk then you are pretty much SOL. I love the fact that the App store will always have a record of my purchase and I can download the application anytime I need to reinstall on a new device.... **More ▼**

Was this review helpful? **Yes** | **No**

[Report a Concern >](#)

Loses Info - Locks Up ★★★★★

by MzrJoe - Version 7.6.2 - Feb 10, 2016

[All Reviews by This User >](#)

I have been using this application on my MacBook using (OS X El Capitan 10.11.3) for four days. Every time I try to upload media, it freezes. Once frozen, the application will not close unless you do a hard restart. If you haven't saved before the restart, you lose all the data since your last save. It is a drag having to save so often for fear of losing information.

I walked away from my laptop to make dinner and eat for a few hours with the application open. When I came back, I went to save and close the application and I got an error message. I had to close without saving and AGAIN, lost hours worth of work. I wrote a note to tech support on Sunday. No response. If tech support is not going to write back, then I do not know how I am going to get a refund. This application has not even been remotely worth the money.

4 out of 4 customers found this review helpful

Was this review helpful? **Yes** | **No**

[Report a Concern >](#)

My Apple Experiences



Changing Application Shortcuts



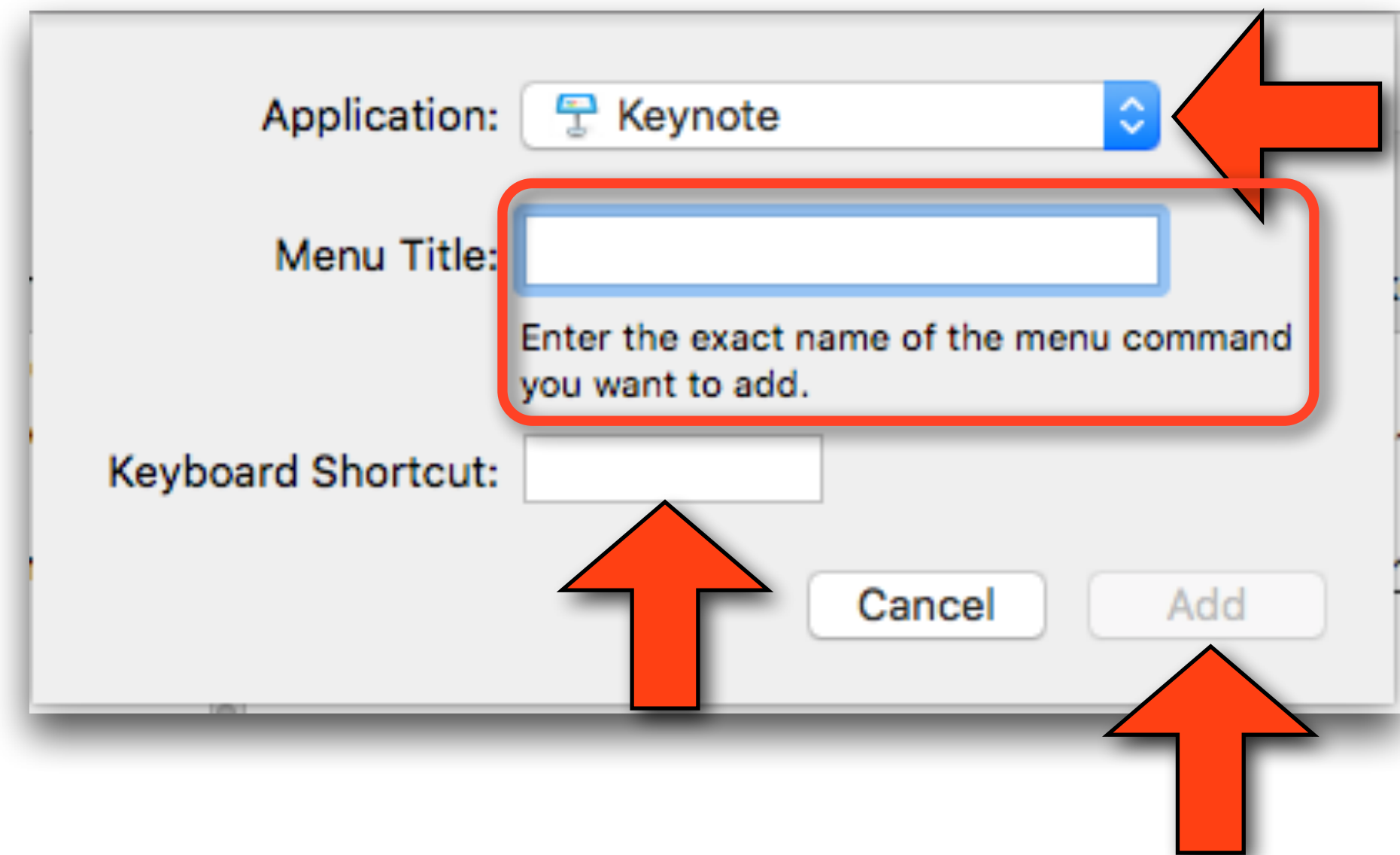
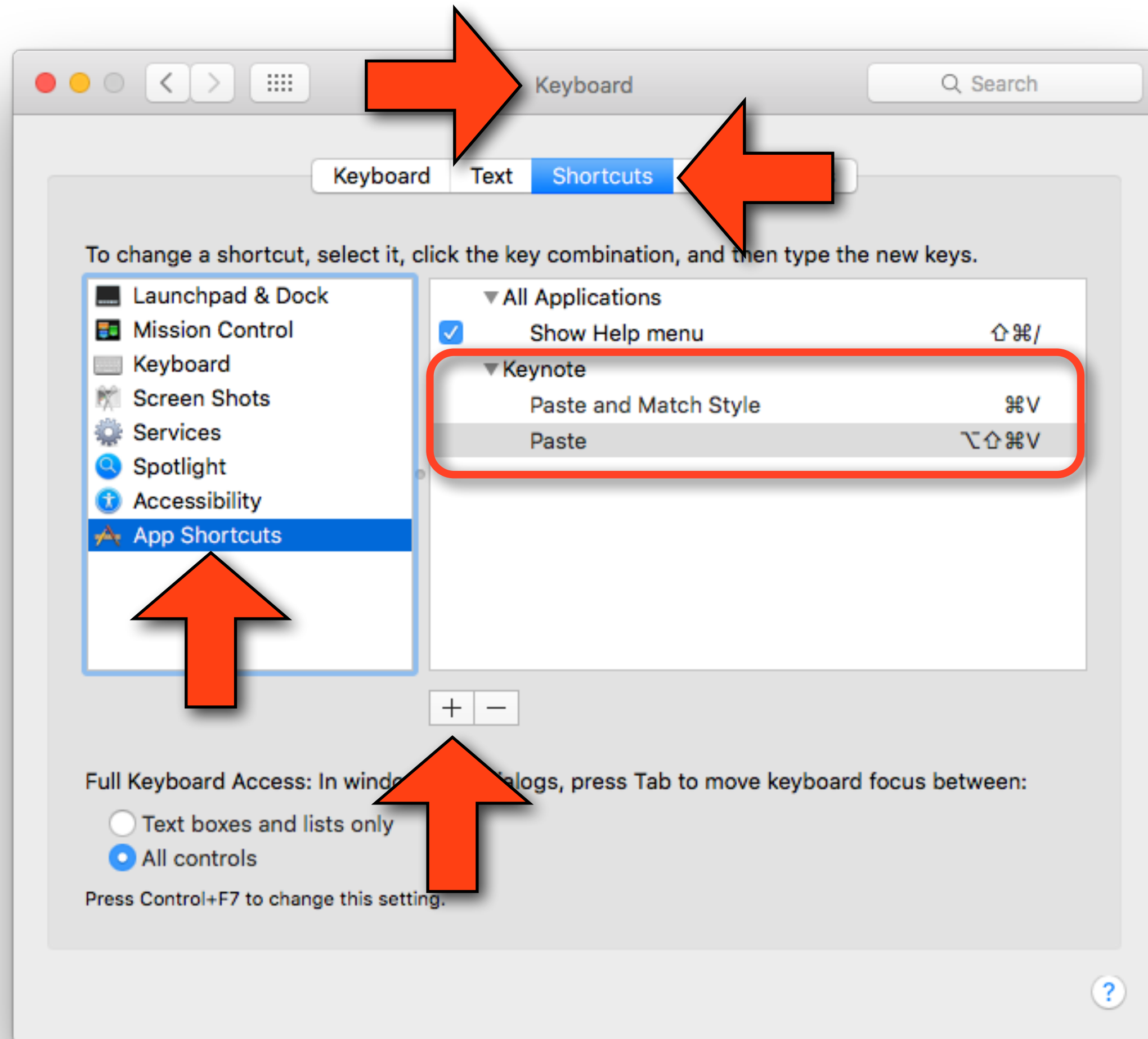
SHORTCUT

- In Keynote using “Control-V”, pastes with the original font vs the font you are using in your talk. For example:

Apple has released iOS 9.2.1, a minor update that contains security updates and bug fixes.

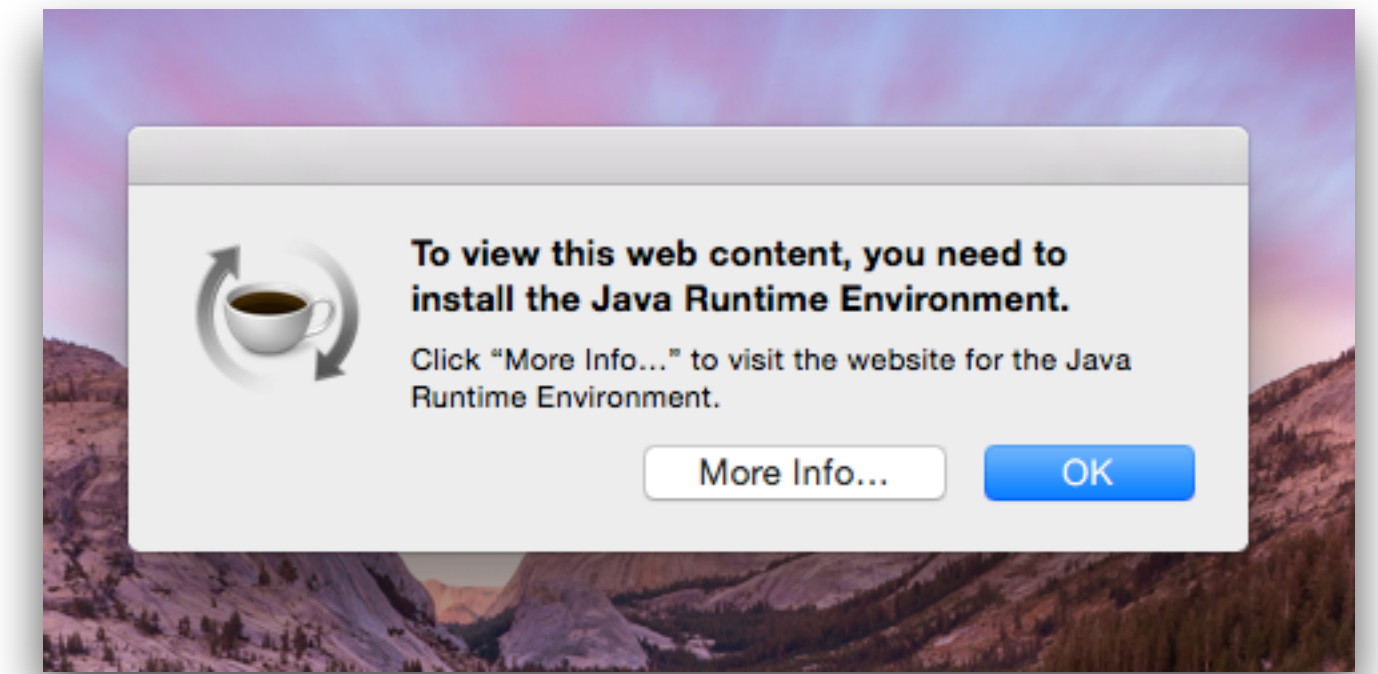
- “Paste and match style” uses “Command-Option-Shift-V”
- This was a major pain for me, so I wanted to reverse the short cuts for these two commands
- This can be done with the Keyboard Pane in System Preferences as follows:

Changing a Shortcut



Pick Wisely: Do not use a shortcut that is already in use.

Java Error



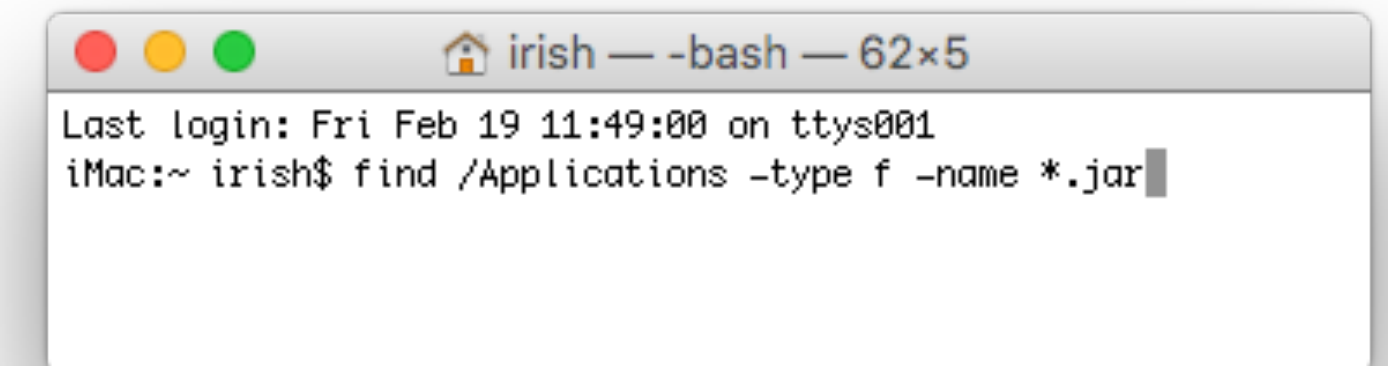
- I was getting this error whenever my Mac booted. It was weird because I didn't know I had any apps that required Java
- After doing some research, I could only find two options:
 - Find and remove the app that is using Java or...
 - Install Java
- To find which apps use Java, you need to open your applications folder, go to the Utility folder, and run the "Terminal" app
- The Terminal app allows you to enter UNIX commands directly on your Mac. You need to be careful when doing this.

To Find Java Apps

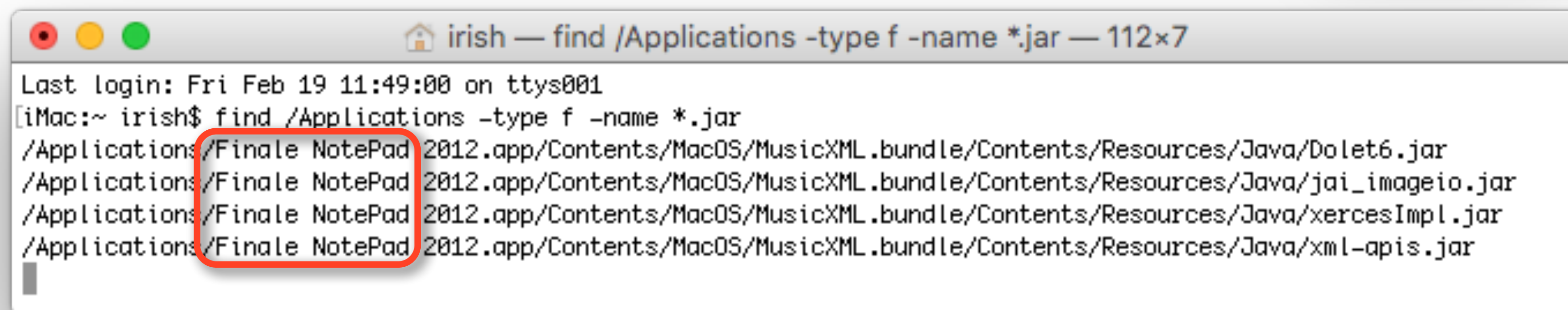
- Go to the Terminal app
- Type find /Applications -type f -name *.jar
- In the results, you'll see the apps which use Java.
- In this case, Finale Notepad was the culprit



```
irish — -bash — 62x5
Last login: Fri Feb 19 11:49:00 on ttys001
iMac:~ irish$
```



```
irish — -bash — 62x5
Last login: Fri Feb 19 11:49:00 on ttys001
iMac:~ irish$ find /Applications -type f -name *.jar
```



```
irish — find /Applications -type f -name *.jar — 112x7
Last login: Fri Feb 19 11:49:00 on ttys001
[iMac:~ irish$ find /Applications -type f -name *.jar]
/Applications/Finale NotePad 2012.app/Contents/MacOS/MusicXML.bundle/Contents/Resources/Java/Dolet6.jar
/Applications/Finale NotePad 2012.app/Contents/MacOS/MusicXML.bundle/Contents/Resources/Java/jai_imageio.jar
/Applications/Finale NotePad 2012.app/Contents/MacOS/MusicXML.bundle/Contents/Resources/Java/xercesImpl.jar
/Applications/Finale NotePad 2012.app/Contents/MacOS/MusicXML.bundle/Contents/Resources/Java/xml-apis.jar
```


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If an app or webpage you want to use asks you to install Java software, you can download the current version of Java for OS X directly from [Oracle's website](#).



Note: You can also download legacy [Java SE 6](#) from Apple if you're using an app that specifically requires this unsupported, out-of-date version.

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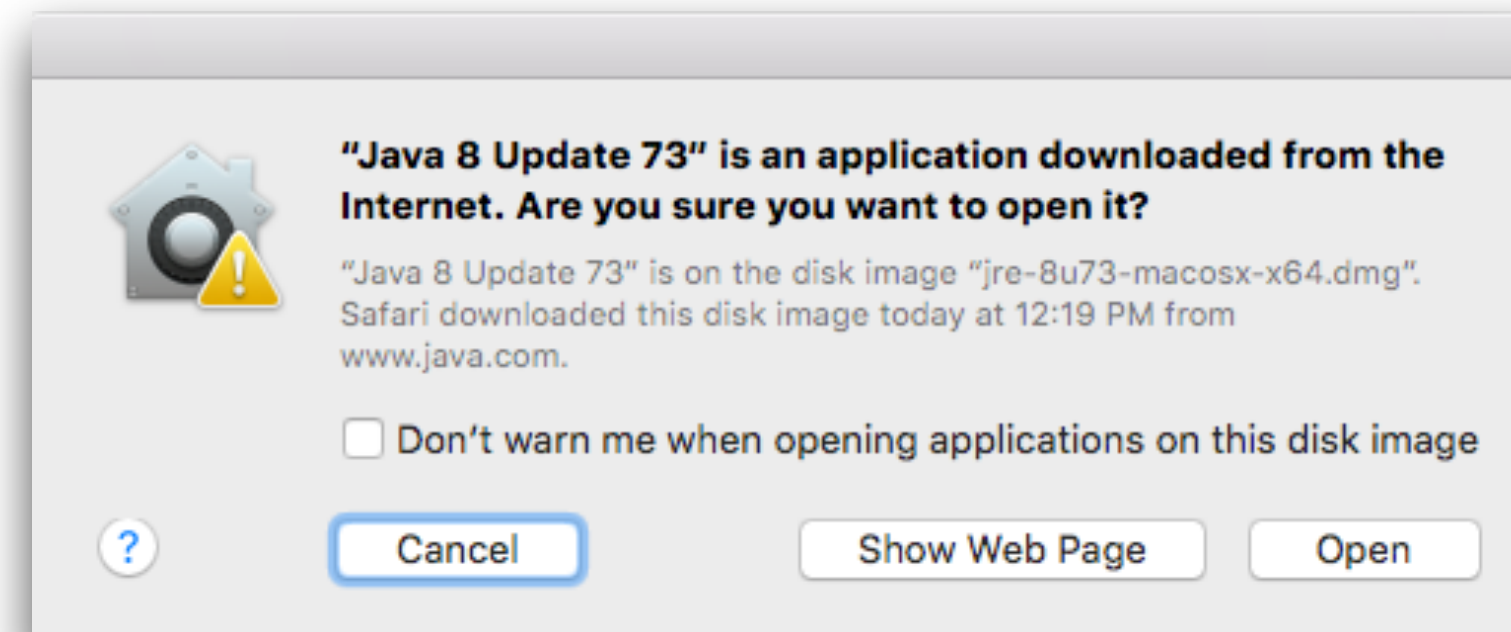
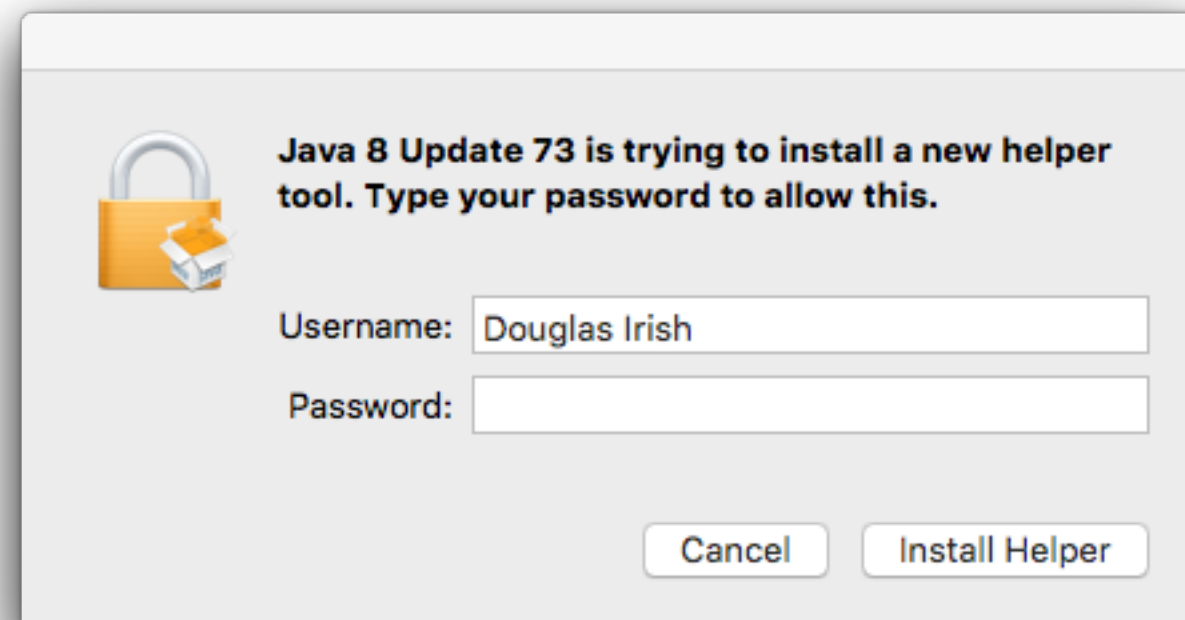
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