



Apple User Group

July 25, 2016
Episode 65*



*Since Jan 2010

Next Meeting

Monday 9:30

August 29, 2016



My Distribution List



- I use my distribution list to send out meeting notices, links to presentations, and occasionally notices that I think are important to the Apple community
- To get on or off my distribution list, send a message to irishdf@me.com
- Note: When I get failures several times for an individual, I remove the name from my list.

One on One Training



- Reminder: Free “one on one” training sessions are available on Mondays between 1pm and 3pm in Lab (Except the days when I do a presentation in the morning)
- Bring your own iPhone, iPad, or Mac. (or we can use the iMAC in the lab)
- Training is by appointment only. Email me or use the form on the Senior Surfer Web Site.
- Note: Unlike Bob, I do not do hardware. If you have hardware problems...



Hardware Problems



“We Fix Macs”
1-888-947-MACS



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About Us

The Mac Shop Inc. was established in 2010 to create a convenient, knowledgeable service and support option for Mac users in the Greater Wilmington area. As Mac users ourselves we understand how difficult it can be to find a reliable service and support provider and that is why we are now offering our services to you.

Our 15+ years of Apple experience means that we have had the pleasure of working with just about every Apple device whether retired or still currently on the market today. Our years of working with the ever evolving Apple product lines will allow us to guide you in making any decisions you may be facing concerning upgrading existing hardware or software, expanded your current technological components, or choosing new equipment that is right for your needs.

If you want to connect with other Mac users or share any recent Apple news join our Facebook page by clicking on the link below.

The Mac Shop Inc.

facebook

Name:
The Mac Shop Inc.

Status:
Have a fun, happy 4th, we will be back tomorrow,...



Fans:
424

21a Trolley Square, Wilmington, DE 19806

Computer Systems



- Macs are for those who don't want to know why their computer works.
- Linux is for those who want to know why their computer works.
- DOS is for those who want to know why their computer doesn't work.
- Windows is for those who don't want to know why their computer doesn't work.



Apple News!

Apple News



- Starting with iOS 10 this fall, Apple will include an enrollment form in the iPhone's Health app to become organ, eye and tissue donors
- Both Wells Fargo and Bank of America have announced that their ATM's withdrawals will support Apple Pay
- MetroPCS has started selling current iPhones, as well as the iPhone 5s

Apple News



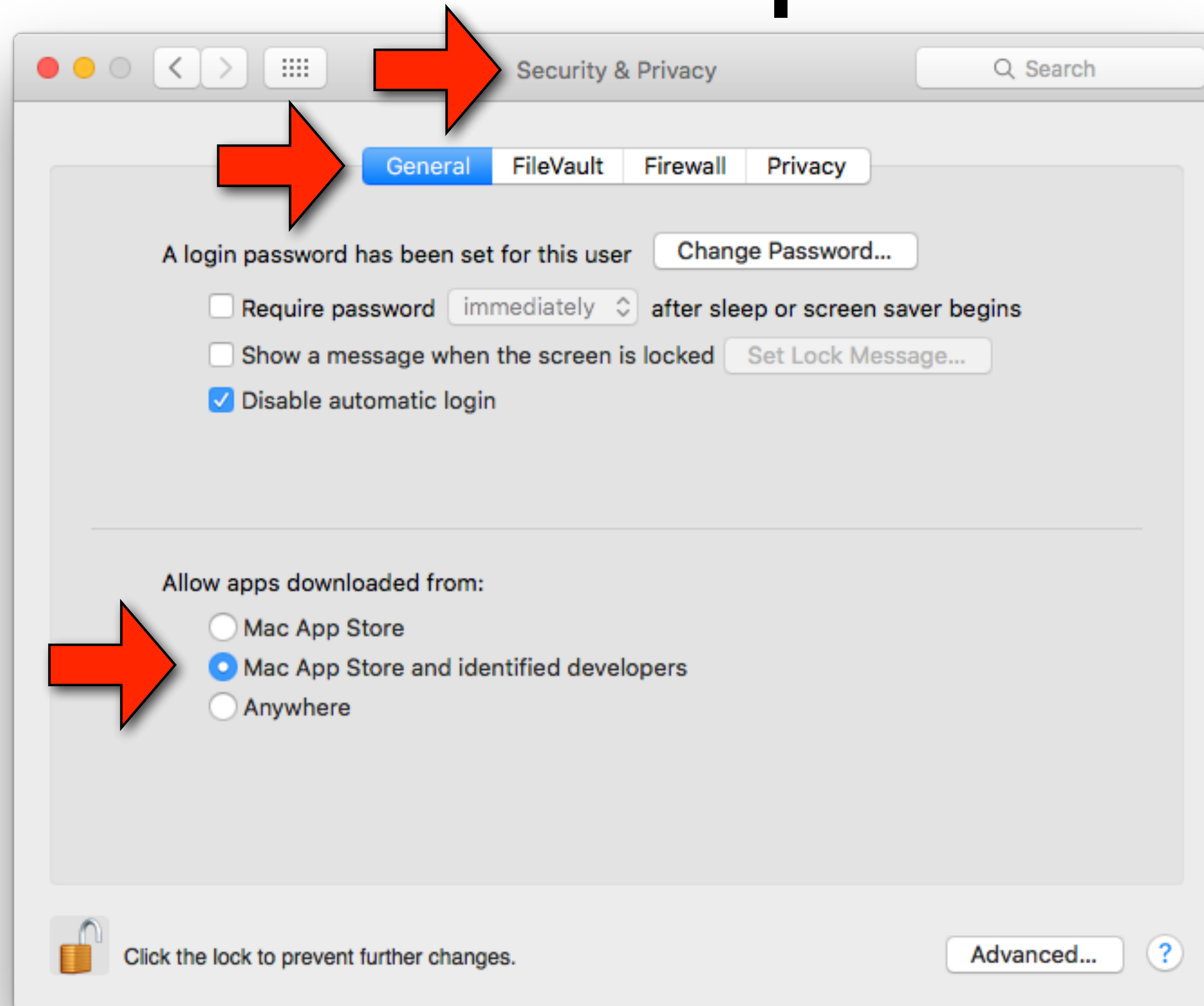
- Apple's 2Q Mac sales dropped 4.9% from that a year ago. This is probably due to two things. A strong US dollar and the fact that the product line hasn't been refreshed recently.
- Researchers have developed an atomic-scale rewritable data-storage device capable of packing 500 terabits onto a single square inch. That's enough to store every book ever written on a surface the size of a postage stamp.

Apple Malware



- MAC Malware was found in a third party software product called EasyDoc Converter
- This malware allowed someone to lock you out of your computer, threaten to blackmail you to restore your private files or transform your computer into a botnet to attack other devices.
- The good news — the app was never signed with a certificate from Apple, and by default, Mac OS X won't open any unsigned apps.
- You need to be very careful when downloading files from the Internet. Use Gatekeeper to keep yourself safe from potentially dangerous software.

Gatekeeper



Apple Refurbished Equipment



Apple Refurbished Equipment



- Apple Refurbished Products are Apple products that are being sold after having been returned - either due to a technical issue or a user that may have changed their mind for any reason
- Each Apple Certified Refurbished Product:
 - is fully tested (including full burn-in testing).
 - is refurbished with replacement parts for any defective modules
 - is put through a thorough cleaning process and QA inspection.
 - is repackaged (including appropriate manuals, cables, new boxes, etc...)
 - is given a new refurbished part number and serial number.

Apple Refurbished Equipment



- All Apple Certified Refurbished Products are covered by a one-year limited warranty. For extended coverage, you have the option of purchasing the AppleCare Protection Plan
- To find availability of refurbished equipment go to the bottom of any Apple webpage and select “Refurbished”



Apple Refurbished Equipment



Refurbished 21.5-inch iMac 1.6GHz Dual-core Intel Core i5
Originally released October 2015
21.5-inch (diagonal) LED-backlit display with IPS technology;
1920-by-1080 resolution
8GB memory
1TB hard drive
Intel Iris Pro Graphics 6000
Built-in FaceTime HD camera

\$929.00
Save \$170.00
15% off

Select



Refurbished 21.5-inch iMac 2.7GHz quad-core Intel Core i5
Originally released September 2013
21.5-inch (diagonal) LED-backlit display with IPS technology;
1920-by-1080 resolution
8GB memory
1TB hard drive
Intel Iris Pro graphics
Built-in FaceTime HD camera

\$1,059.00
Save \$190.00
15% off

Select



Refurbished 21.5-inch iMac 2.8GHz Quad-core Intel Core i5
Originally released October 2015
21.5-inch (diagonal) LED-backlit display with IPS technology;
1920-by-1080 resolution
8GB memory
1TB hard drive
Intel Iris Pro Graphics 6200
Built-in FaceTime HD camera

\$1,099.00
Save \$200.00
15% off

Select



Refurbished 21.5-inch iMac 2.9GHz quad-core Intel Core i5
Originally released September 2013
21.5-inch (diagonal) LED-backlit display with IPS technology;
1920-by-1080 resolution
8GB memory
1TB hard drive
NVIDIA GeForce GT 750M graphics processor with 1GB of GDDR5 memory
Built-in FaceTime HD camera

\$1,189.00
Save \$210.00
15% off

Select



Refurbished 21.5-inch iMac 2.8GHz Quad-core Intel Core i5
Originally released October 2015
21.5-inch (diagonal) LED-backlit display with IPS technology;
1920-by-1080 resolution
8GB memory
1TB Fusion Drive
Intel Iris Pro Graphics 6200
Built-in FaceTime HD camera

\$1,189.00

Select



Refurbished iPad Air 2 Wi-Fi 64GB - Space Gray
Originally released October 2014
Wi-Fi (802.11a/b/g/n/ac)
Bluetooth 4.0 technology
9.7-inch Retina display
8-megapixel iSight camera
FaceTime HD camera
1080p HD video recording
A8X chip with 64-bit architecture
M8 motion coprocessor
10-hour battery life
Smart covers (sold separately), instant on
Multi-Touch screen
.96 pound and 0.24 inch

\$419.00
Save \$80.00
16% off

Select



Refurbished iPad Air 2 Wi-Fi 64GB - Silver
Originally released October 2014
Wi-Fi (802.11a/b/g/n/ac)
Bluetooth 4.0 technology
9.7-inch Retina display
8-megapixel iSight camera
FaceTime HD camera
1080p HD video recording
A8X chip with 64-bit architecture
M8 motion coprocessor
10-hour battery life
Smart covers (sold separately), instant on
Multi-Touch screen
.96 pound and 0.24 inch

\$419.00
Save \$80.00
16% off

Select



Refurbished iPad Air 2 Wi-Fi 64GB - Gold
Originally released October 2014
Wi-Fi (802.11a/b/g/n/ac)
Bluetooth 4.0 technology
9.7-inch Retina display
8-megapixel iSight camera
FaceTime HD camera
1080p HD video recording
A8X chip with 64-bit architecture
M8 motion coprocessor
10-hour battery life
Smart covers (sold separately), instant on
Multi-Touch screen
.96 pound and 0.24 inch

\$419.00
Save \$80.00
16% off

Select

Mac Rumors Buying Guide



- Mac Rumors (macrumors.com) is an Apple oriented web site with a lot of good information on it
- It's a great resource if you're getting ready to buy an Apple Product
- It's Buying guide provides a product summary for each Apple model.
- It provides a recommendation regarding current product cycles, and a summary of currently available rumors for each model.
- It's a good indication that a new model may be imminent and perhaps you should hold off on buying

[Front Page](#)[Mac Blog](#)[iOS Blog](#)[Round](#)[Buyer's Guide](#)[Forums](#)[iPhone 7](#)[iPhone 8 \(2017\)](#)[iOS 10](#)[macOS Sierra](#)[MacBook Pro](#)[watchOS 3](#)[Apple Watch](#)[All >](#)

MacRumors Buyer's Guide

This page provides a product summary for each Apple model. The intent is to provide our best recommendations regarding current product cycles, and to provide a summary of currently available rumors for each model.

This page is based on rumors and speculation and we provide no guarantee to its accuracy.

[iPhone / iPad / iPod](#)[Macs](#)[Other](#)

Mac Rumors Buying Guide



MacBook

BUY NOW



MacBook Air

DON'T BUY



Retina MacBook Pro

DON'T BUY



MacBook Pro

DON'T BUY



iMac

DON'T BUY



Mac Mini

DON'T BUY



Mac Pro

DON'T BUY



iPhone

CAUTION



12.9" iPad Pro

NEUTRAL



9.7" iPad Pro

BUY NOW



iPad Mini

DON'T BUY



iPod Touch

DON'T BUY



iPod Shuffle

CAUTION



iPod Nano

DON'T BUY



Apple Watch

CAUTION



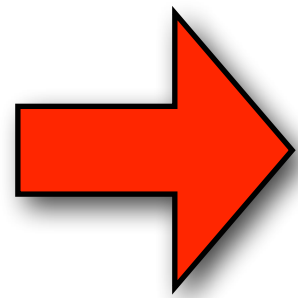
Displays

DON'T BUY



Apple TV

NEUTRAL

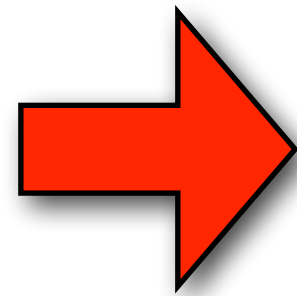
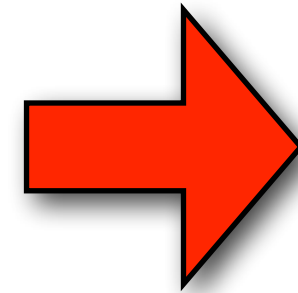


iMac

Don't Buy Updates Soon

Apple's iMac is an ultra-thin all-in-one desktop computer, available in 21.5- and 27-inch sizes with an array of build-to-order upgrades. The iMac family was updated on October 13, 2015 to an all-Retina lineup for the 27-inch models, while the 21.5-inch lineup received its first 4K Retina display as a high-end option.

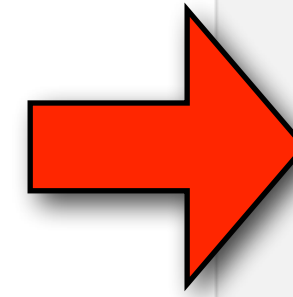
[Read Full Roundup](#)



Days since last release Oct 2015 276

Average 317

Recent releases	May 2015	147
	Oct 2014	215
	Sep 2013	387
	Nov 2012	298
	May 2011	577
	Jul 2010	280



Recent Rumors

Apr 19 2016

AMD's New 400-Series 'Polaris' Graphics Chips Headed for 2016 Macs

Apr 07 2016

Apple's Mac Lineups to See Significant Graphics Upgrades as New GPU Launches Loom

Dec 31 2015

What's Coming From Apple in 2016: Apple Watch 2, iPhone 6c, iPhone 7, Skylake MacBooks, and More

Oct 30 2015

4K and 5K iMacs Support 10-Bit Color Depth on OS X El Capitan

Oct 16 2015

iFixit Teardown of New 21.5-Inch 4K iMac Reveals DCI-P3 Display, Empty Solder Pads

[Read More Rumors](#)

Quick Tips



Quick Tip



- Some people seem to have a hard time getting the touch id to recognize their fingerprint
- I suspect that moisture has an impact (either too moist or too dry)
- Here's a tip that demonstrates how to improve your fingerprint recognition by training your iDevice. Try it right after you have an issue.

iOS Mail Views



Editing iOS Mail Sidebar

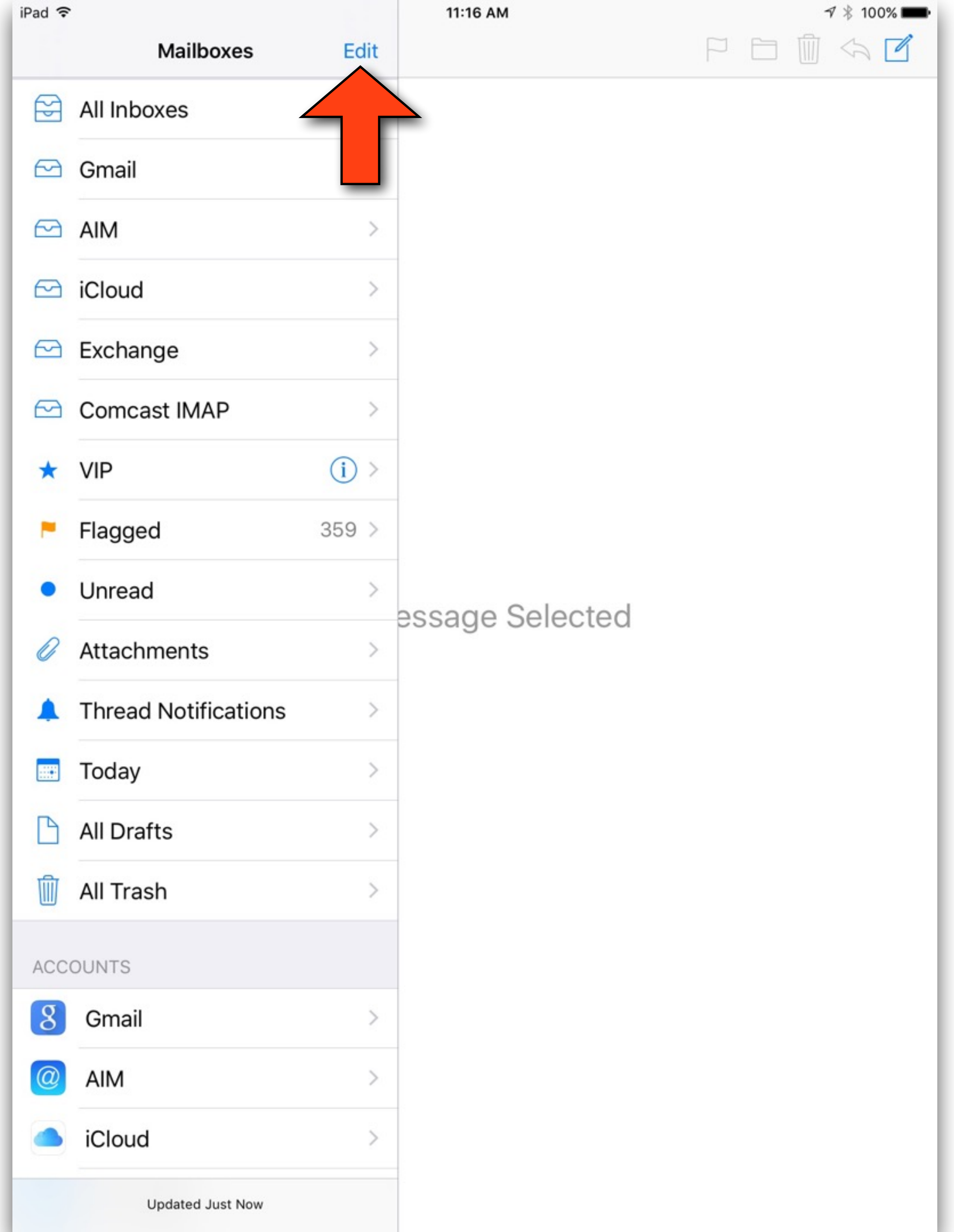
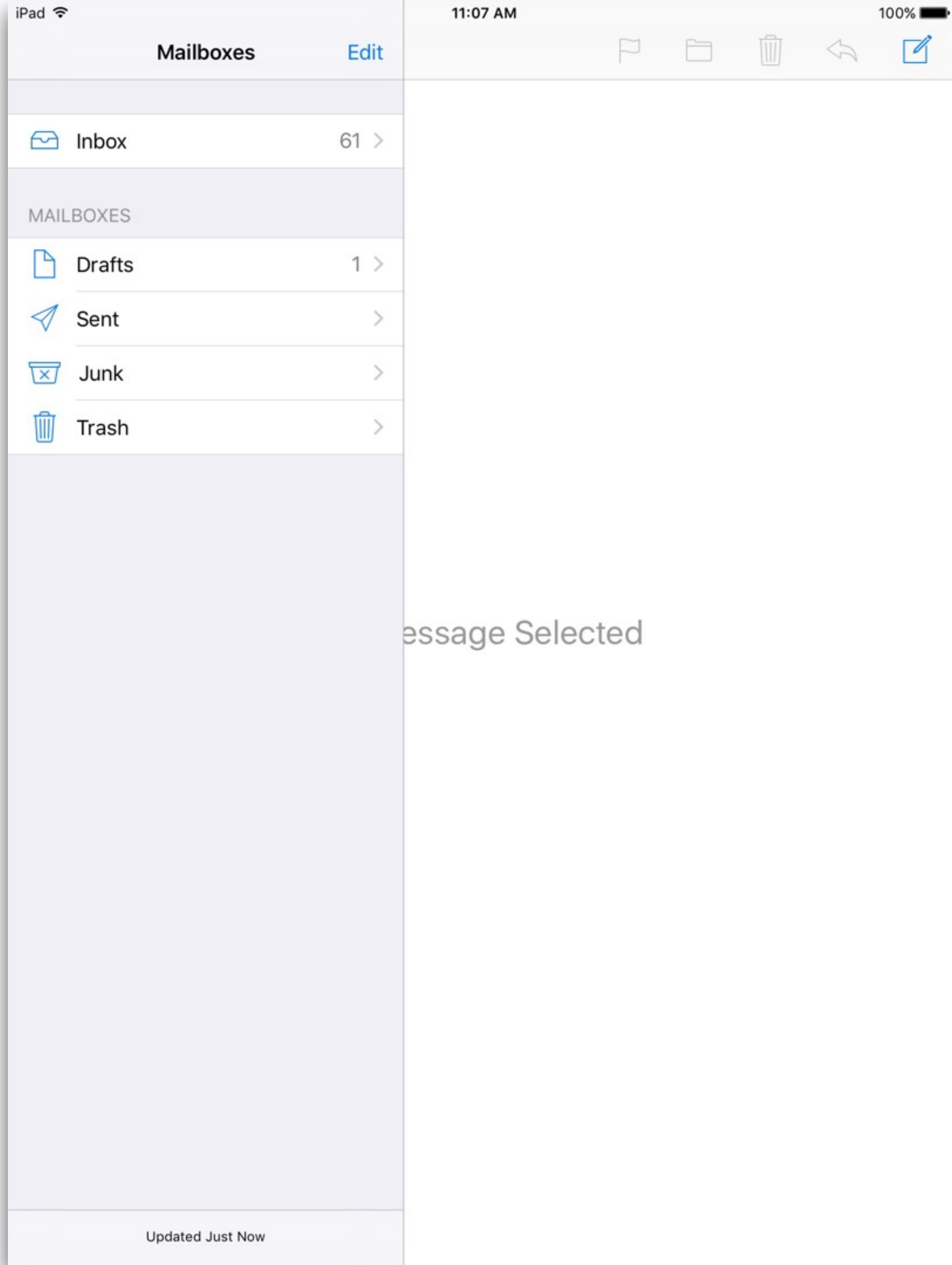


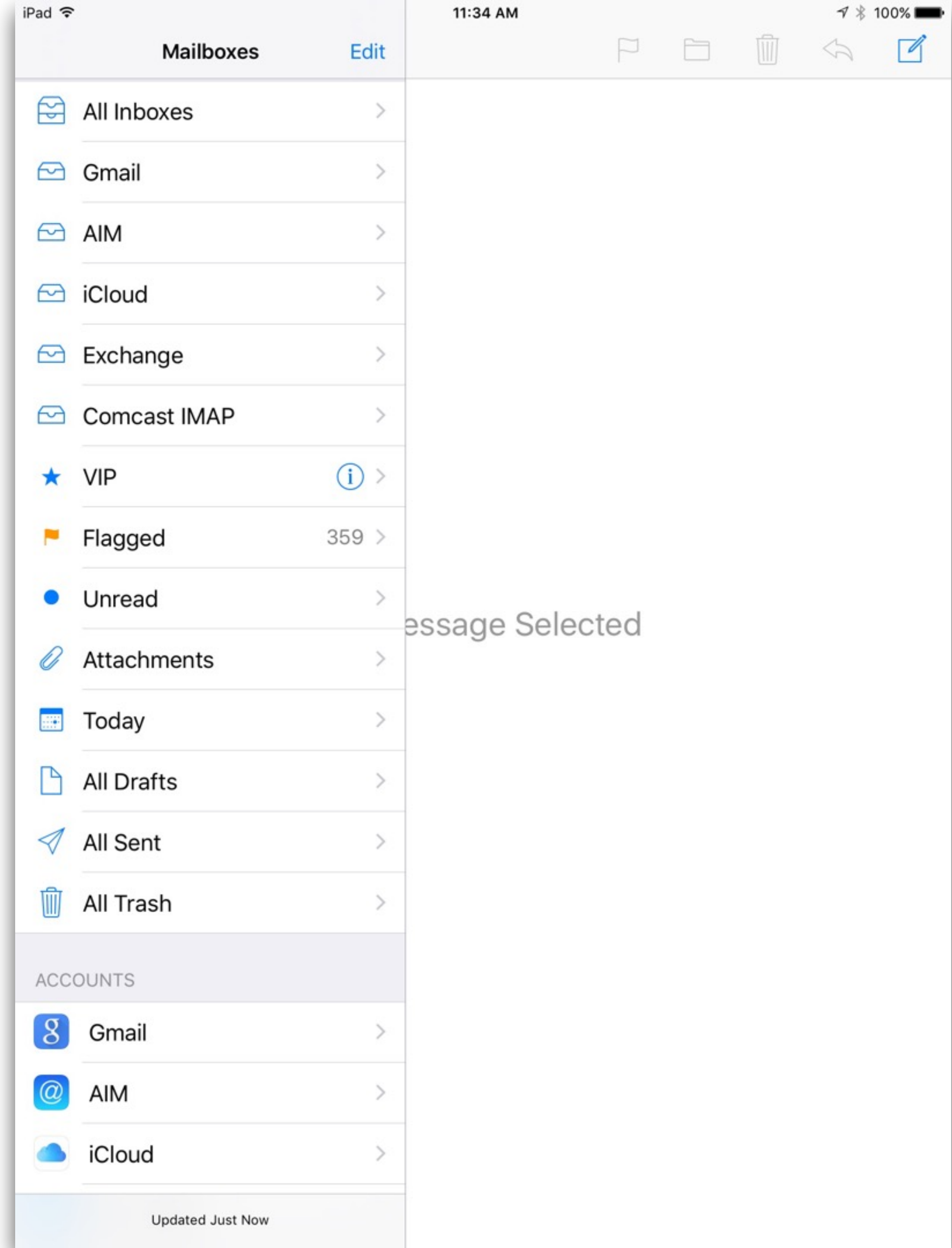
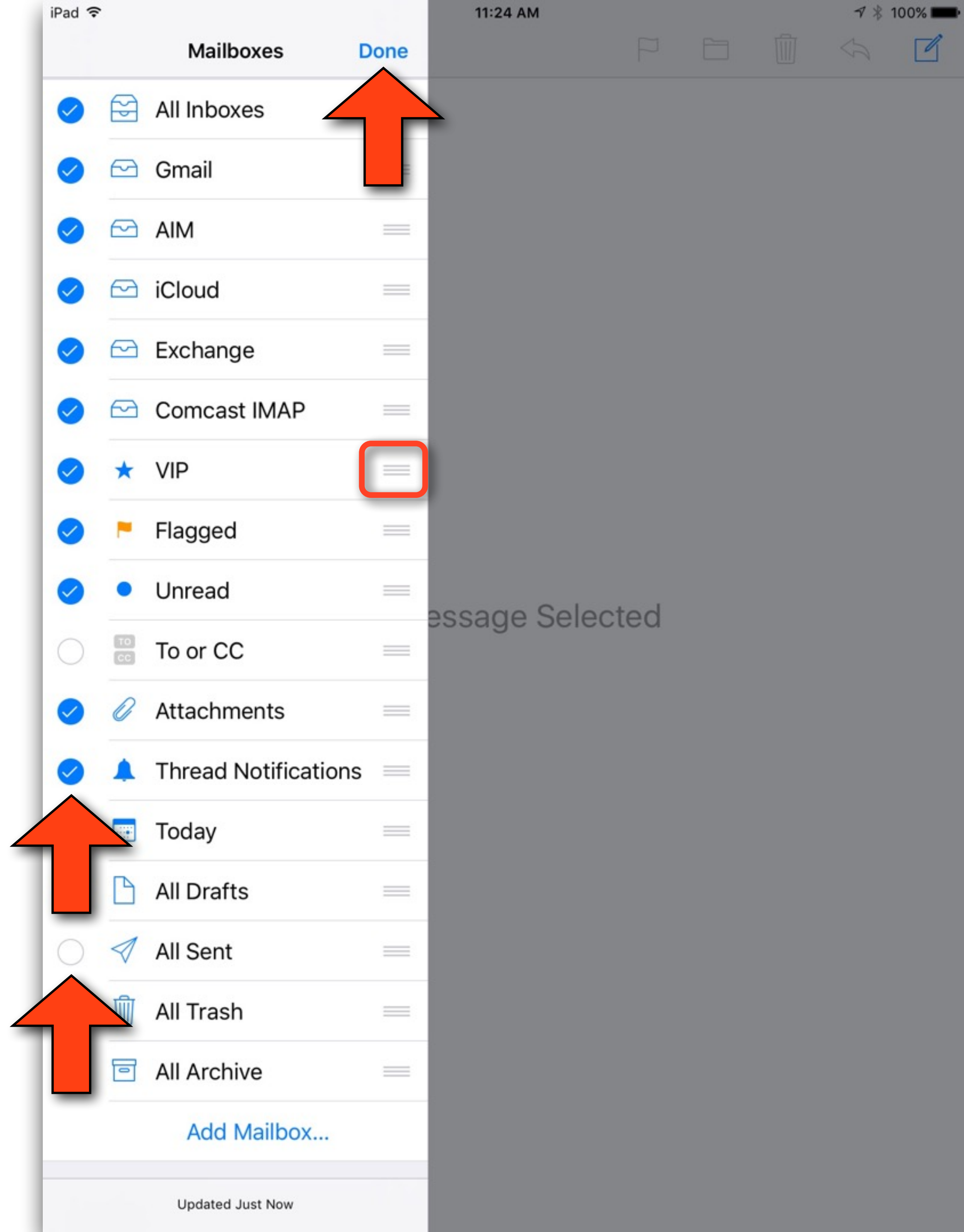
- You can add different views to your sidebar in iOS mail
 - VIP: Only contains mail from people you've designated as VIPs
 - Flagged: Just shows mail you've previously flagged
 - Unread: Just shows unread mail
 - To or CC: Shows mail with yourself in the To or the CC field. Does not show mail with BCC. This cuts out a lot of spam.

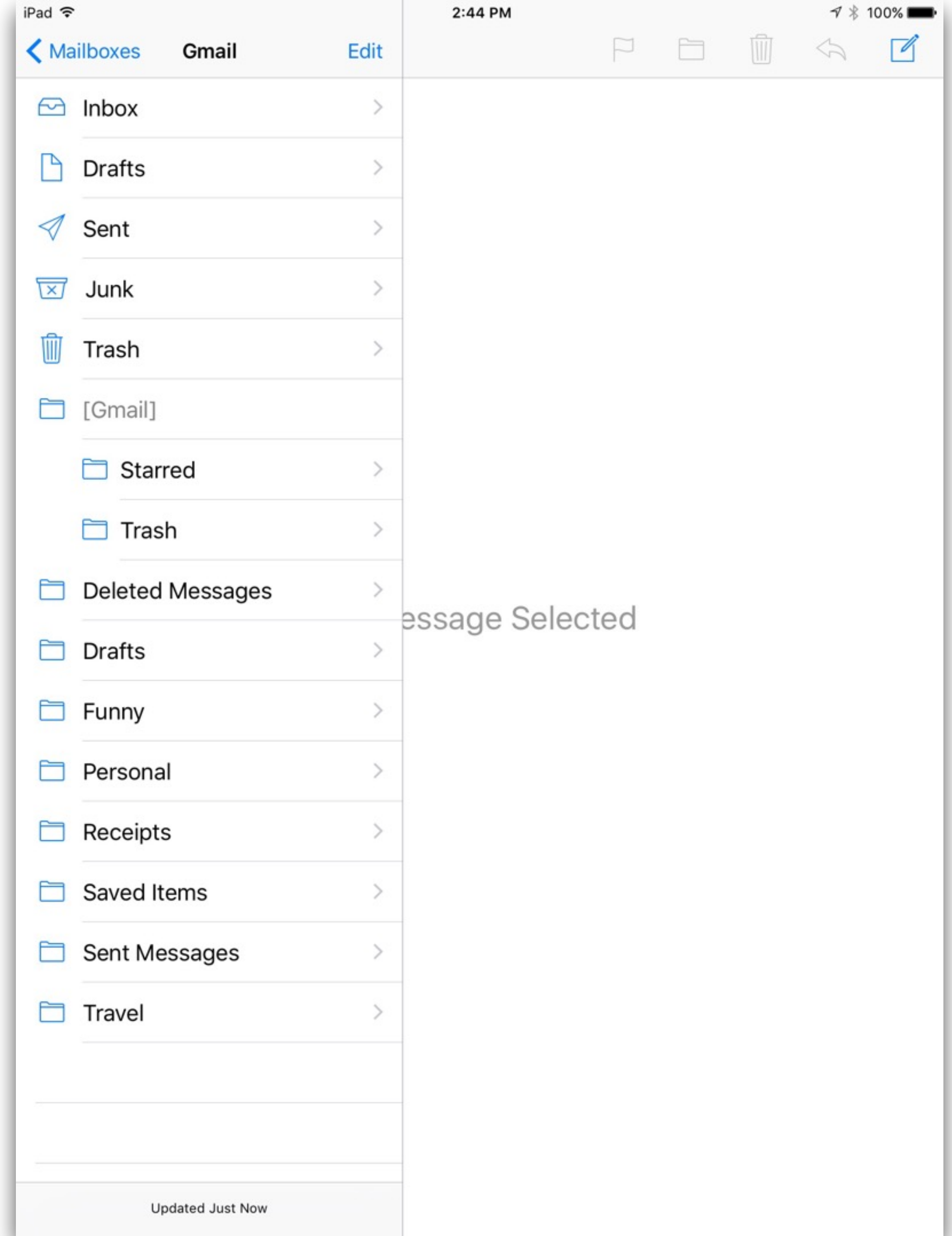
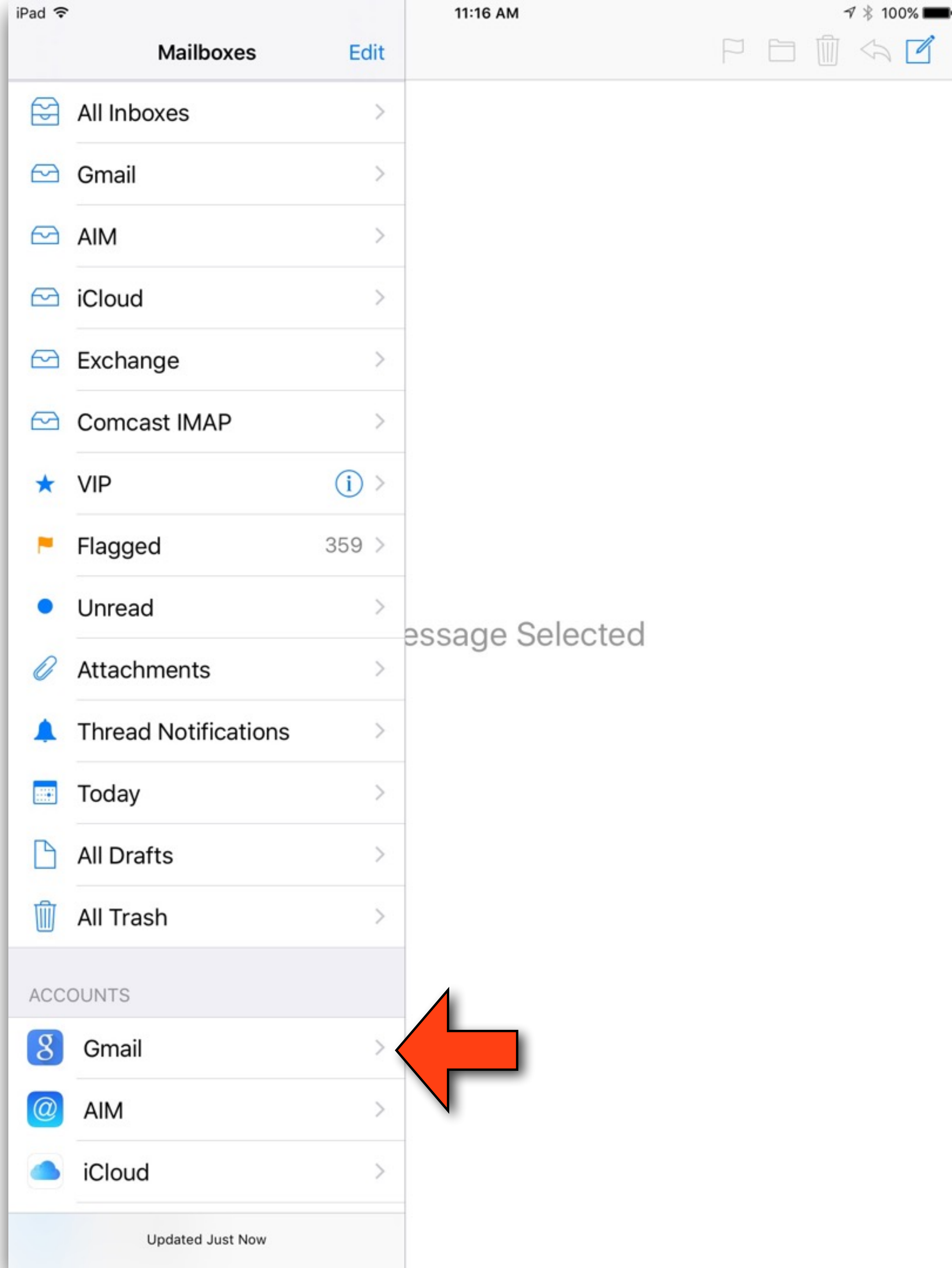
iOS Mail Views

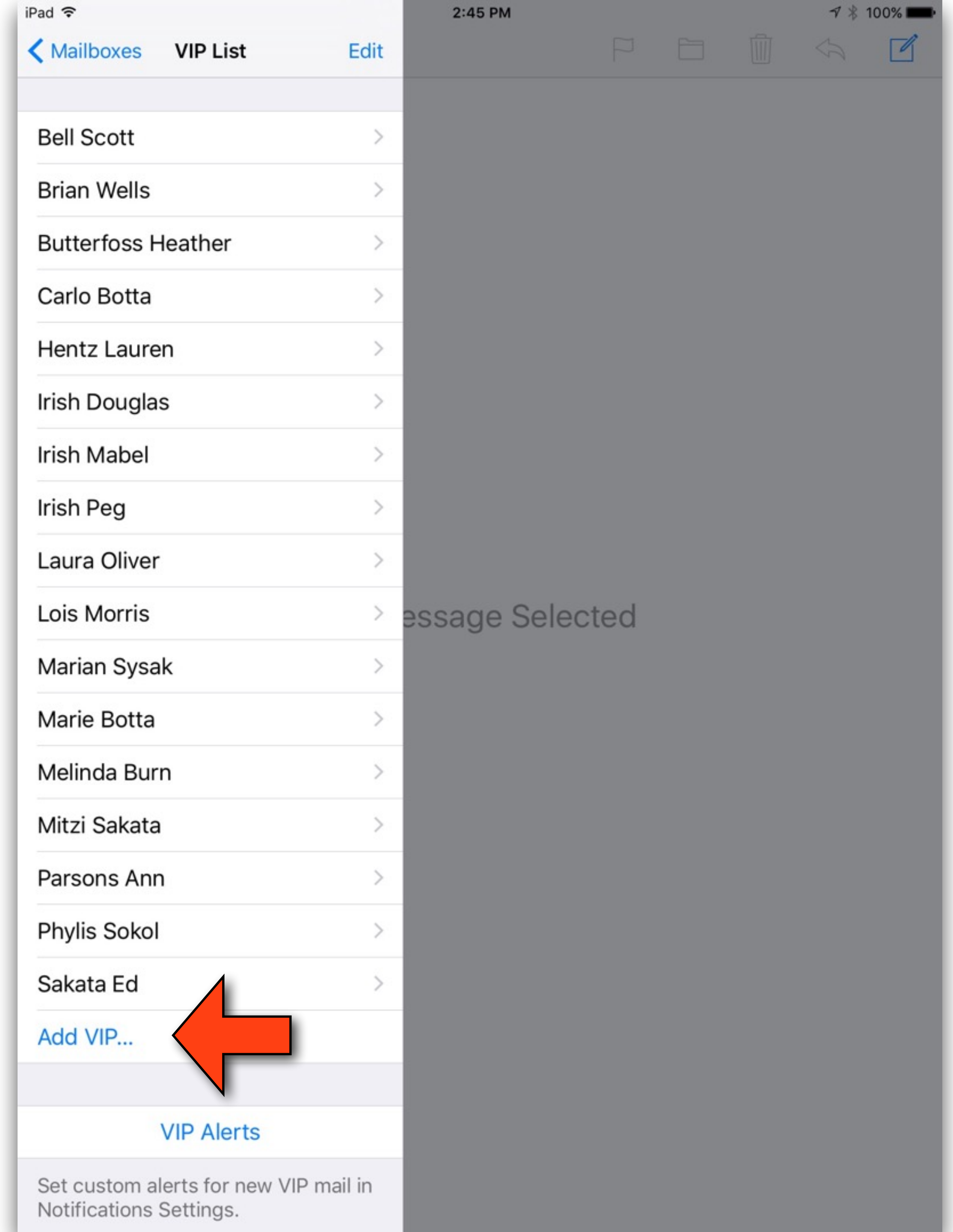
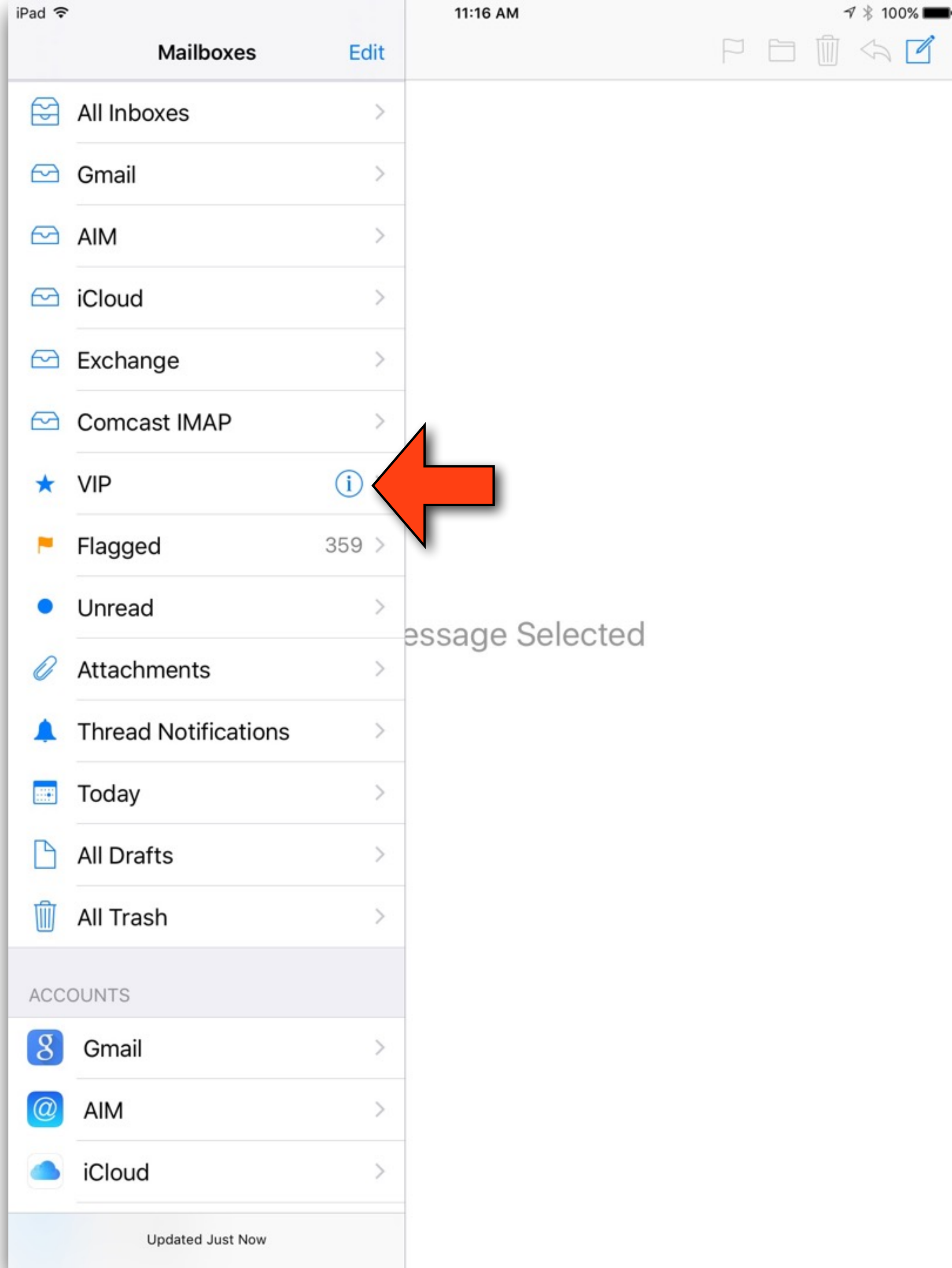


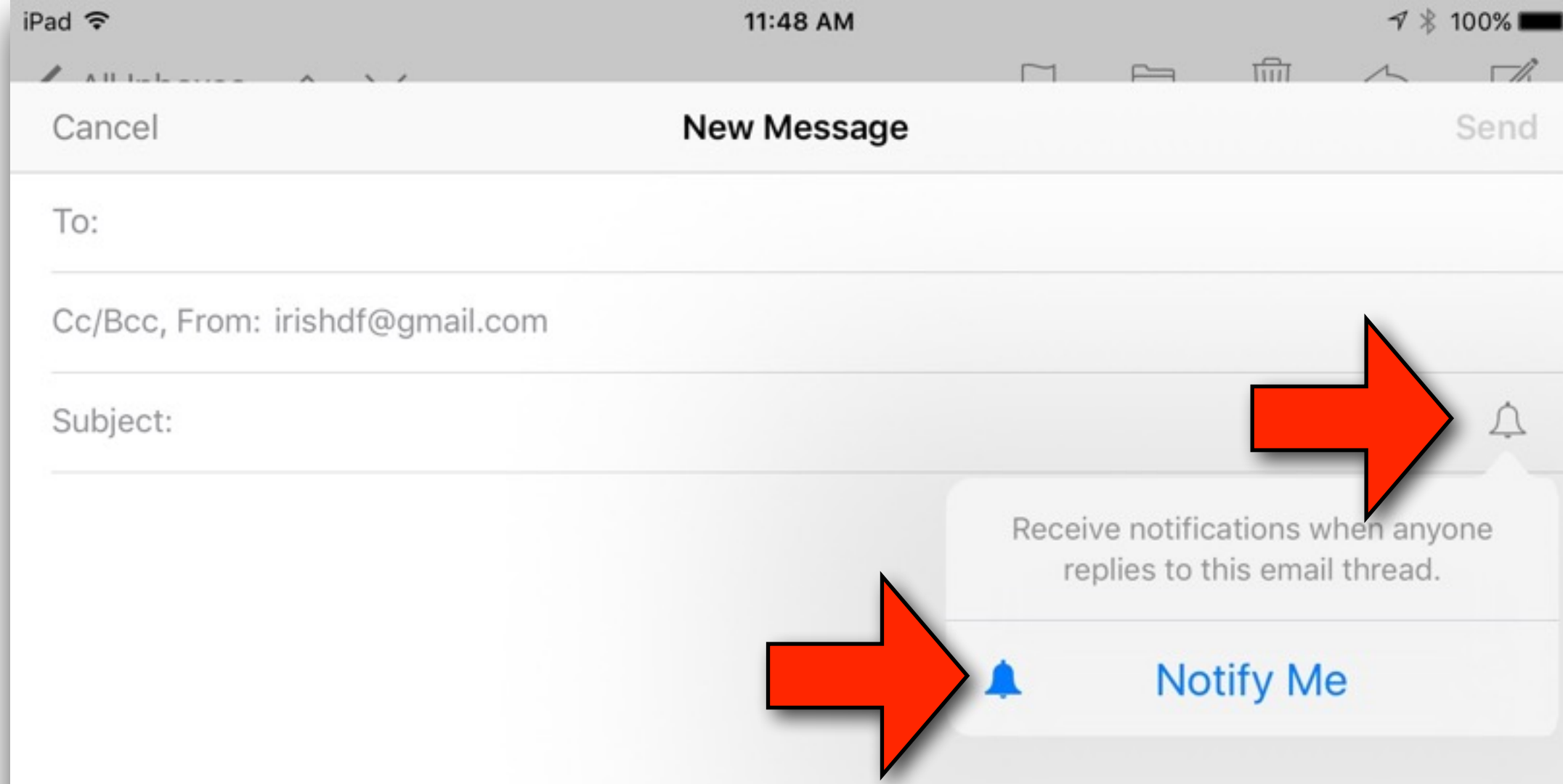
- Attachments: Shows only mail with attachments. This is good when you need to free up storage space
- Thread Notifications: You can set a mail message so that you are notified when anyone replies. This view just shows those message for which you have set notifications.
- Today: Just shows mail that's arrived today
- All Drafts / All Sent /All Trash: Shows mail that fits each status



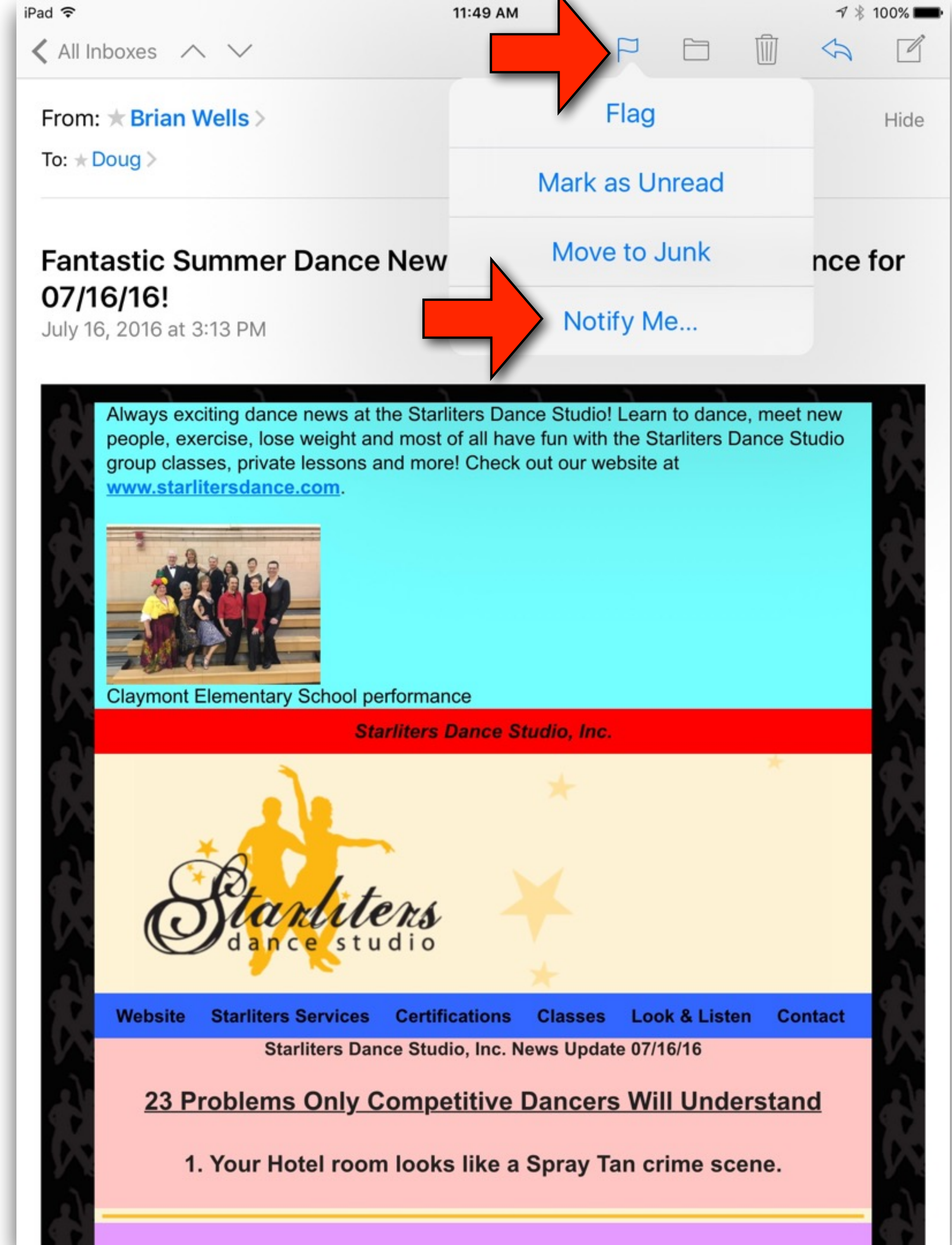








To Set Tread Notifications



Modifying The Toolbar - macOS



Toolbar



- The toolbar is the series of icons at the top of the application screen
- You can customize this toolbar for almost any application
- To customize a toolbar, just right-click on the toolbar in an empty space and select “customize toolbar”

Toolbar

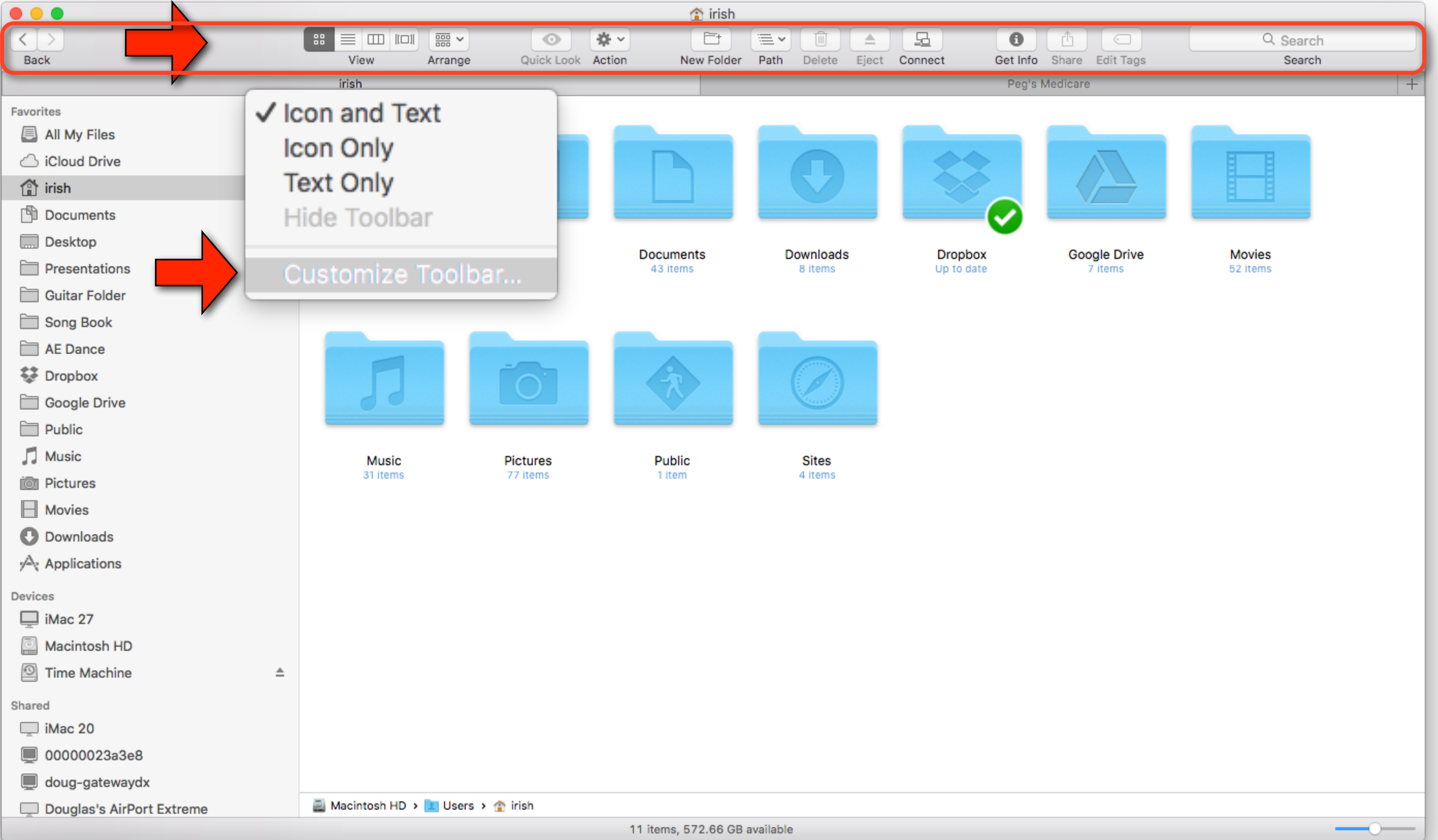


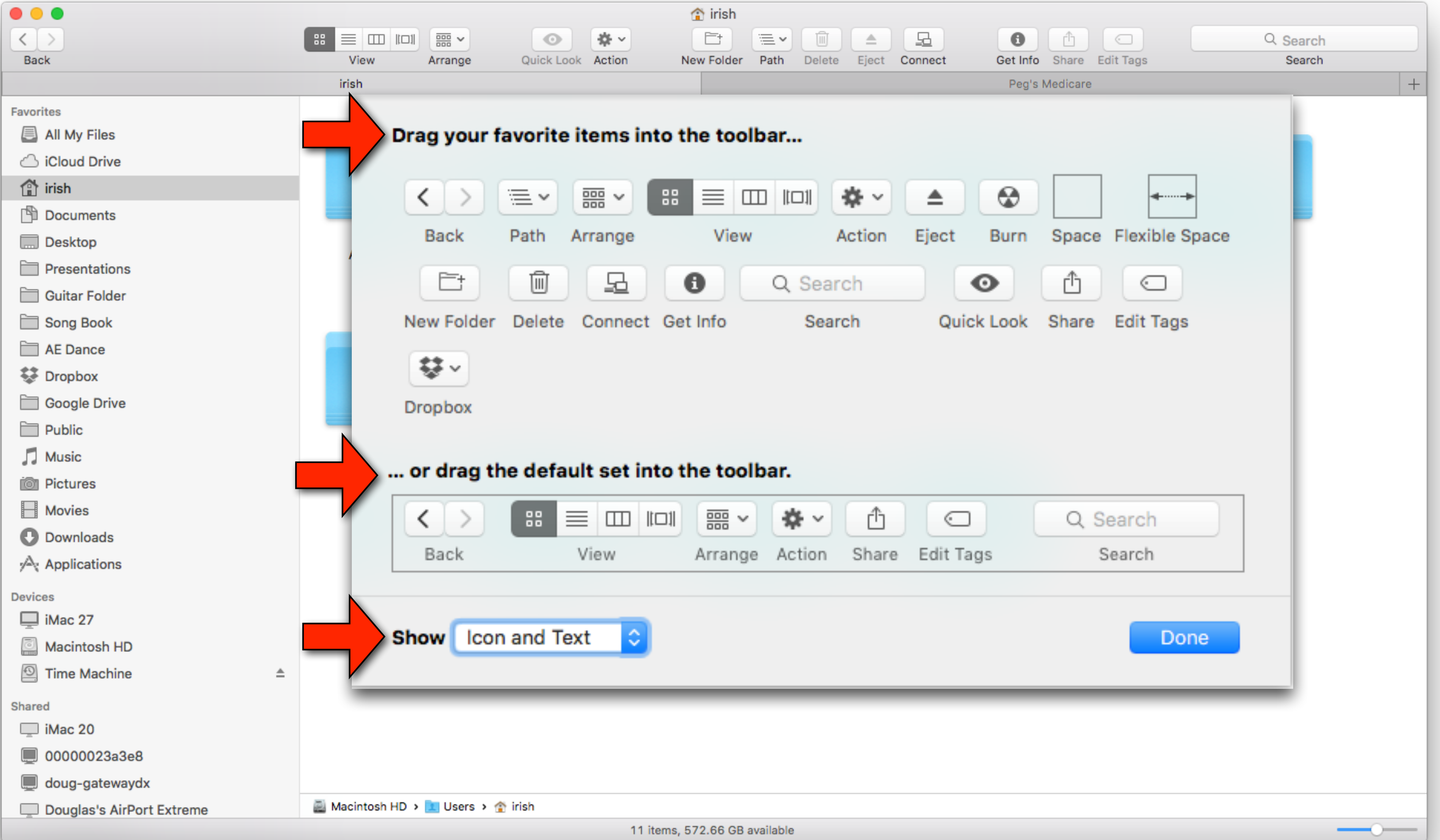
- A group of possible icons then appear
- To add an icon just drag it to the specific place you want it on the toolbar
- You can also drag spacers to the toolbar if you wish to group icons
- To remove an icon just drag it off the toolbar

Toolbar



- You can also return a toolbar to its original condition by dragging the default set to the toolbar
- And, you have to option to show just “icons” or “icons and text”.
- I prefer the “icons and text” setting so I don’t have to remember what individual icons mean
- You can perform this operation for almost all applications. For demonstration purposes I’ll show the Finder toolbar.





Secondary or Right Click

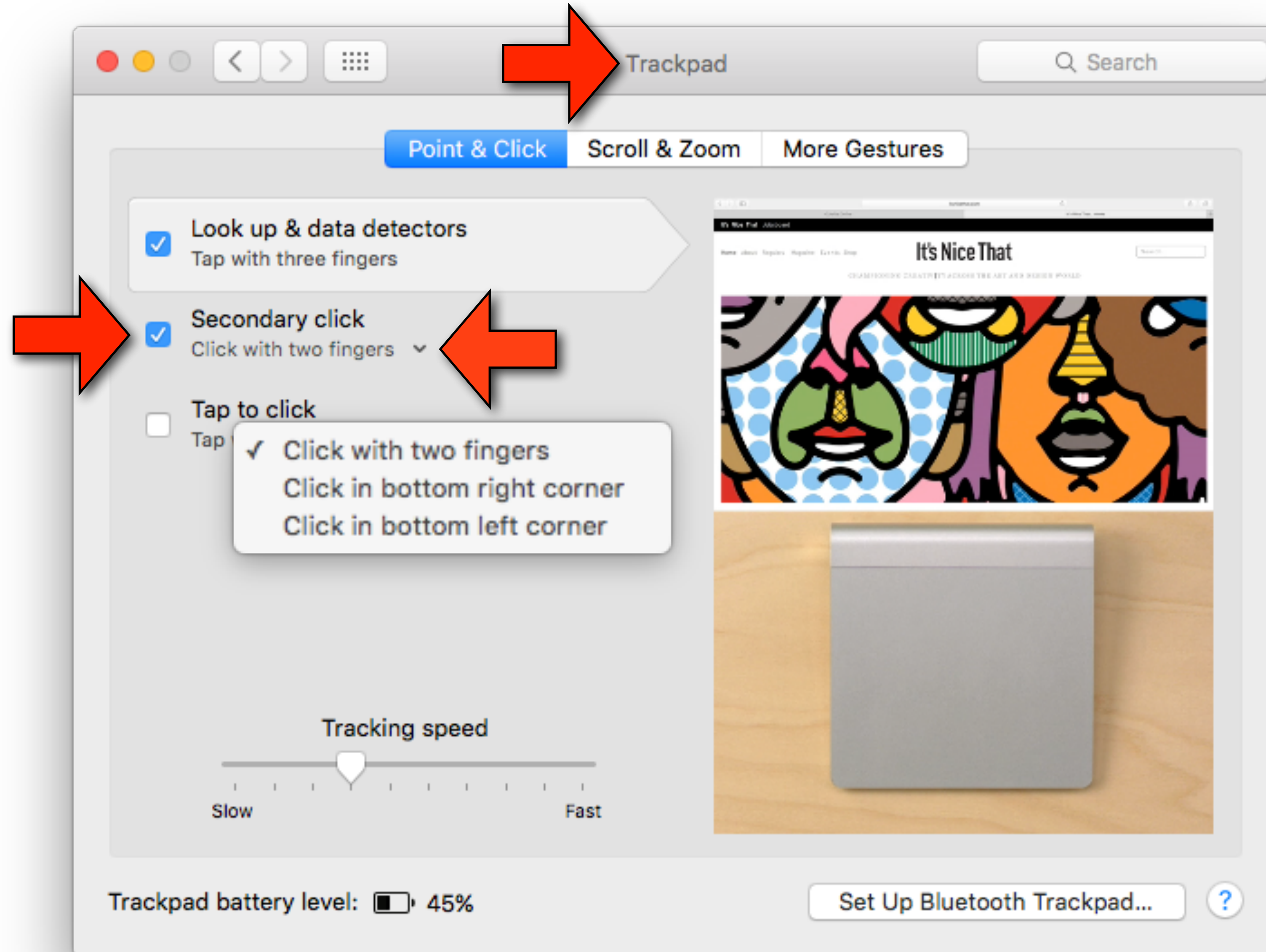


Secondary Click

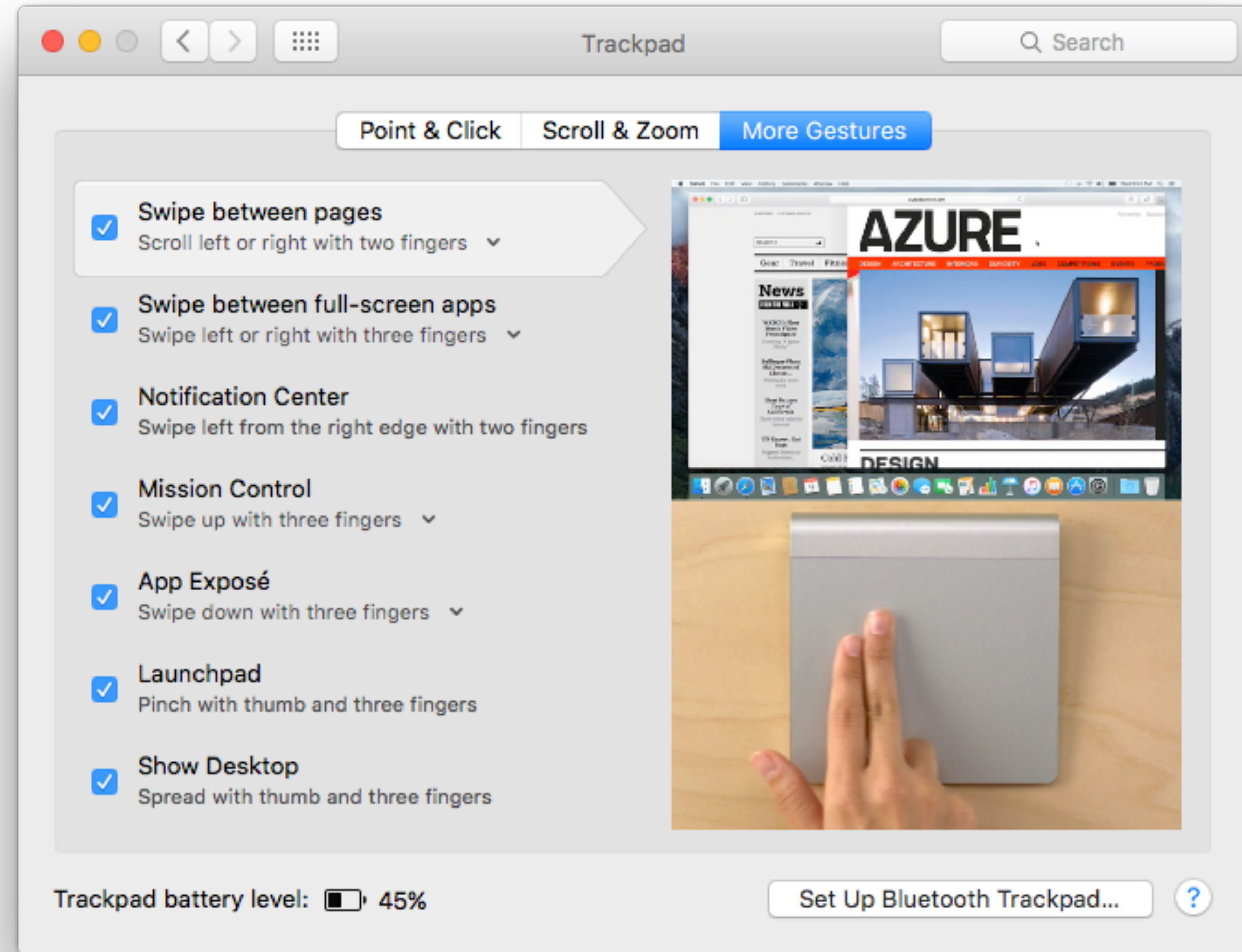
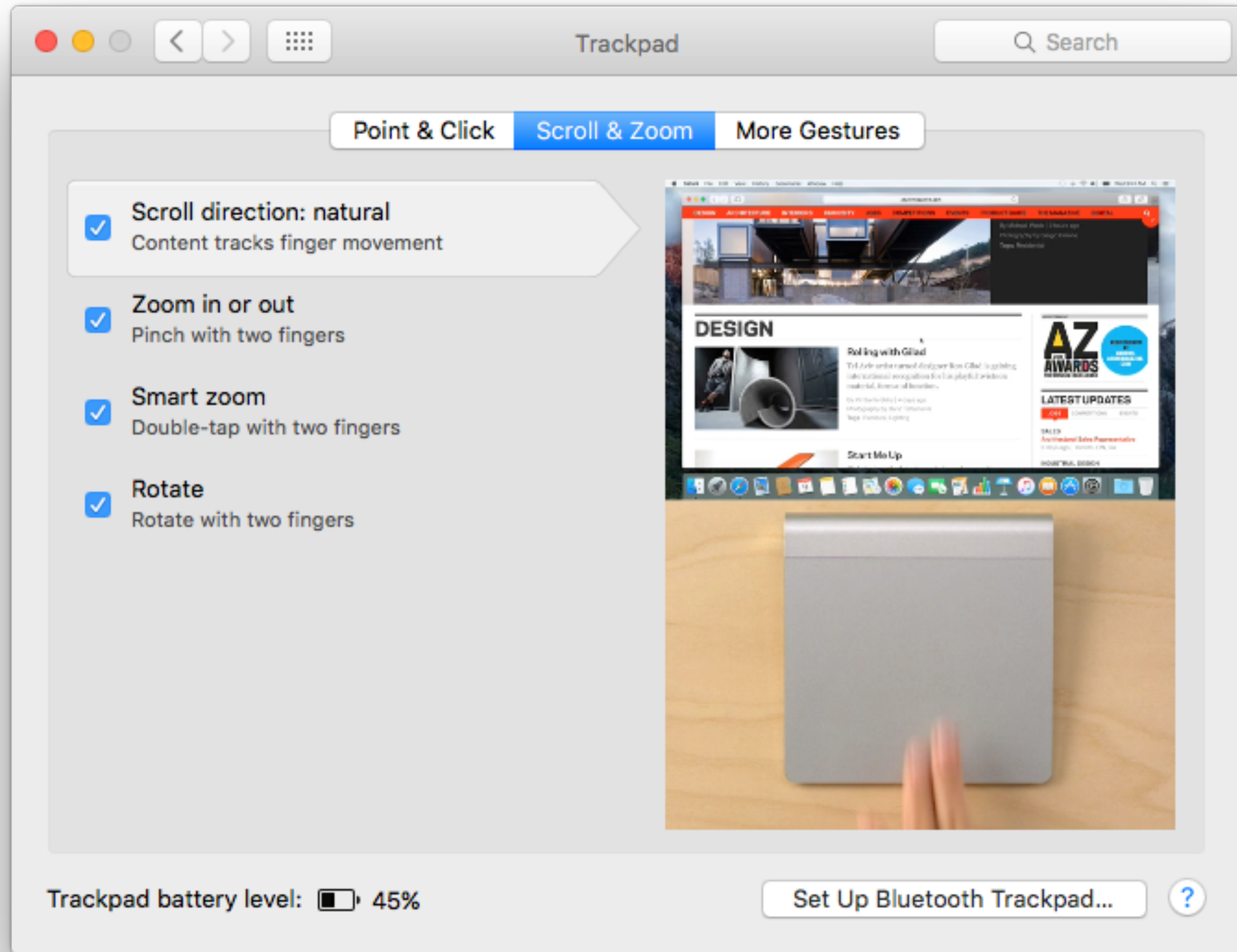


- A right-click is extremely useful. It brings up a context sensitive menu that shows you most of the available options for the object that you right click
- Initially, Apple did not provide this functionality which was very common in Windows
- It is now available for both the Mouse and the Trackpad, but you might have to enable it
- Here's how this is done in the Trackpad preferences in system preferences

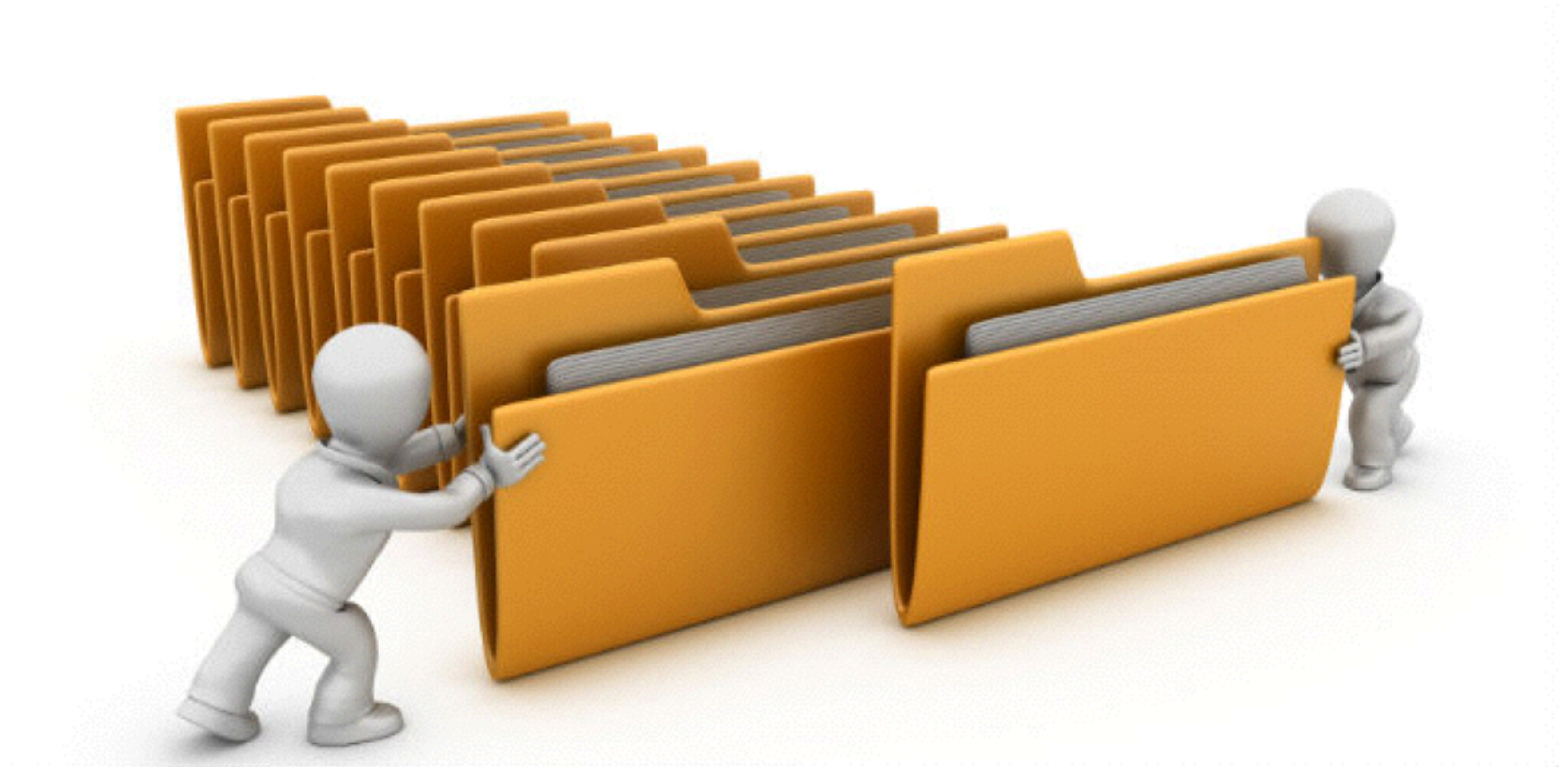
Enable Secondary Click



Other Trackpad Options



Previewing Files



Previewing Files



- On some periodic basis, we should all go thru our files on our computers and clean them up.
- Delete what we no longer need
- Reorganize what we do need
- Rename files that no longer make sense
- Failure to do this results in a lot of wasted time and frustration every time you need to find something

Previewing Files

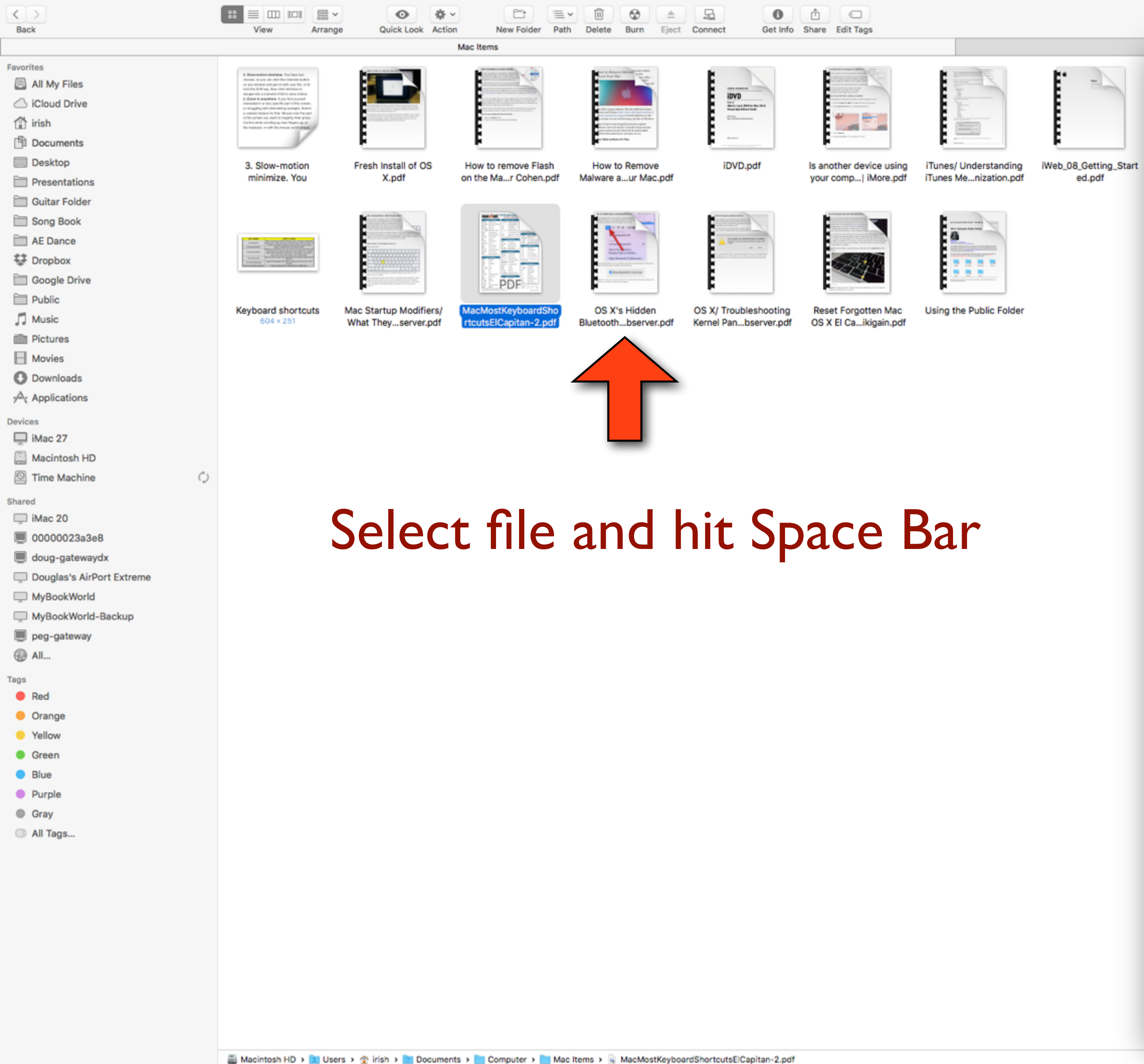


- Sometimes, this is hard to do because we don't know what the file contains
- Opening and closing each file can be very time consuming
- Apple does provide tools that make this a lot easier
 - Quick Look
 - Finder's Preview Pane

Quick Look



- Quick Look is a great tool that quickly shows you a file's content without having to open the file and associated application
- Just select a file and press the space bar
- This brings up a full screen preview of the file
- Select another file to see it's content
- When you are finished, just hit the space key again



Select file and hit Space Bar

MacMostKeyboardShortcutsElCapitan-2.pdf

macmost OS X El Capitan Power User Keyboard Shortcuts

Visit MacMost.com for Mac and iOS video tutorials, advice, tips and news.

FINDER COMMANDS	
⌘ space	Spotlight search
⇧ ⌘ space	Open new search window
⌘ ⌘	Move to trash
⇧ ⌘ ⌘	Empty trash
⇧ ⌘ ⌘	Empty trash, no prompt
⌘ N	New Finder window
⌘ T	New Finder Window Tab
⇧ ⌘ N	Create new folder
⌘ I	Get file info
⇧ ⌘ I	Show file inspector
⌘ Y or space	Quick Look
⌘ J	Show view options
⌘ K	Connect to server
⇧ ⌘ A	Go to Applications folder
⇧ ⌘ C	Go to the top level
⌘ ↑	Open enclosing folder

MISSION CONTROL	
⇧ ↑ or F3	View Mission Control
⇧ ↓	Show app's windows
F11	Show Desktop
F12	Show Dashboard
⇧ ← ⇧ →	Move between spaces
→	Go to next app after ⇧ ↓
space	Enlarge under cursor after ⇧ ↑

POWER SHORTCUTS	
⇧ ⌘ ⌘	Sleep
⇧ ⌘ ⌘	Restart
⇧ ⇧ ⌘ ⌘	Shut down
⇧ ⇧ ⌘	Sleep display
⇧ ⌘	Power options dialog

ACCESSIBILITY	
⇧ ⌘ 8	Toggle zoom on/off
⇧ ⌘ = ⇧ ⌘ -	Zoom in / out
⇧ ⌘ F5	Show accessibility controls
⇧ ⌘ \	Toggle image smoothing

APP SWITCHING	
⌘ →	Go to next app
⇧ ⌘ →	Go to previous app
⌘ `	Next window in app
⇧ ⌘ D	Hide/Show Dock

TEXT EDITING	
⌘ ← ⌘ →	Start/end of line
⌘ ↑ ⌘ ↓	Start/end of doc
⇧ ⌘ ← ⇧ ⌘ →	Previous/next word
⇧ ⌘ ↑ ⇧ ⌘ ↓	Previous/next paragraph
⌘ X ⌘ C ⌘ V	Cut/Copy/Paste
⇧ ⌘ ⇧ V	Paste and Match Style
⌘ A	Select All
⌘ T	Show Fonts
⇧ ⌘ C	Show Colors
⇧ ⌘ space	Insert symbol or emoji

APP COMMANDS	
⌘ N	New window
⌘ O	Open file
⌘ W	Close window
⌘ S	Save
⇧ ⌘ S	Save As
⌘ P	Print
⌘ Q	Quit
⇧ ⌘ Q	Quit and keep windows
⌘ ,	App preferences
⌘ H	Hide app
⇧ ⌘ H	Hide others
⇧ ⌘ /	Help
⇧ ⌘ F	Toggle full screen mode
⌘ M	Minimize

SCREEN CAPTURE	
⇧ ⌘ 3	Screen to file
⇧ ⇧ ⌘ 3	Screen to clipboard
⇧ ⌘ 4	Area to file (space to get window)
⇧ ⇧ ⌘ 4	Area to clipboard (space to get window)

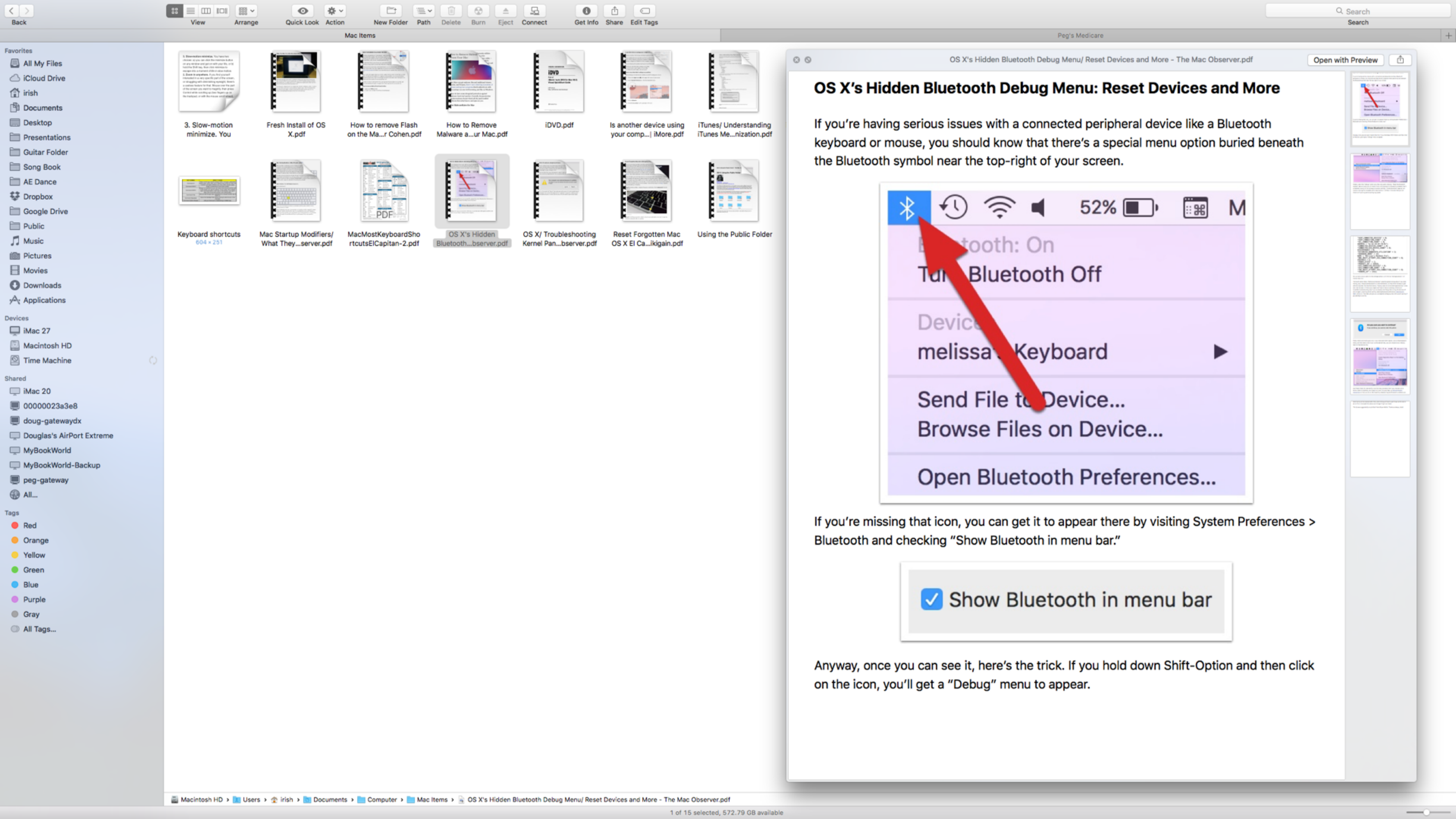
KEYBOARD ACCESS	
⇧ F1	Toggle on/off
⇧ F2	Focus on menu bar
⇧ F3	Focus on Dock
⇧ F4	Focus on next window
⇧ F5	Focus on current toolbar
Then, use ← → ↑ ↓ to navigate, space to select, ⌘ to exit	

STARTUP KEYS	
⇧	Choose boot disk
⇧ ⌘ P R	Reset PRAM
⌘ S	Single user mode
T	Target disk mode
⇧	Safe mode
D	Run diagnostics
⇧ D	Run diagnostics via net
⌘ R	Recovery mode
⌘ ⇧ R	Recovery mode via net

⌘ command ⇧ option ⇧ control ⇧ shift
⌘ delete → tab ⇧ esc ⇧ power

Note: Keyboard shortcuts can be disabled or customized in the System Preferences.
See <http://macmost.com/j-keyshort> for more shortcuts and to learn how to create your own.

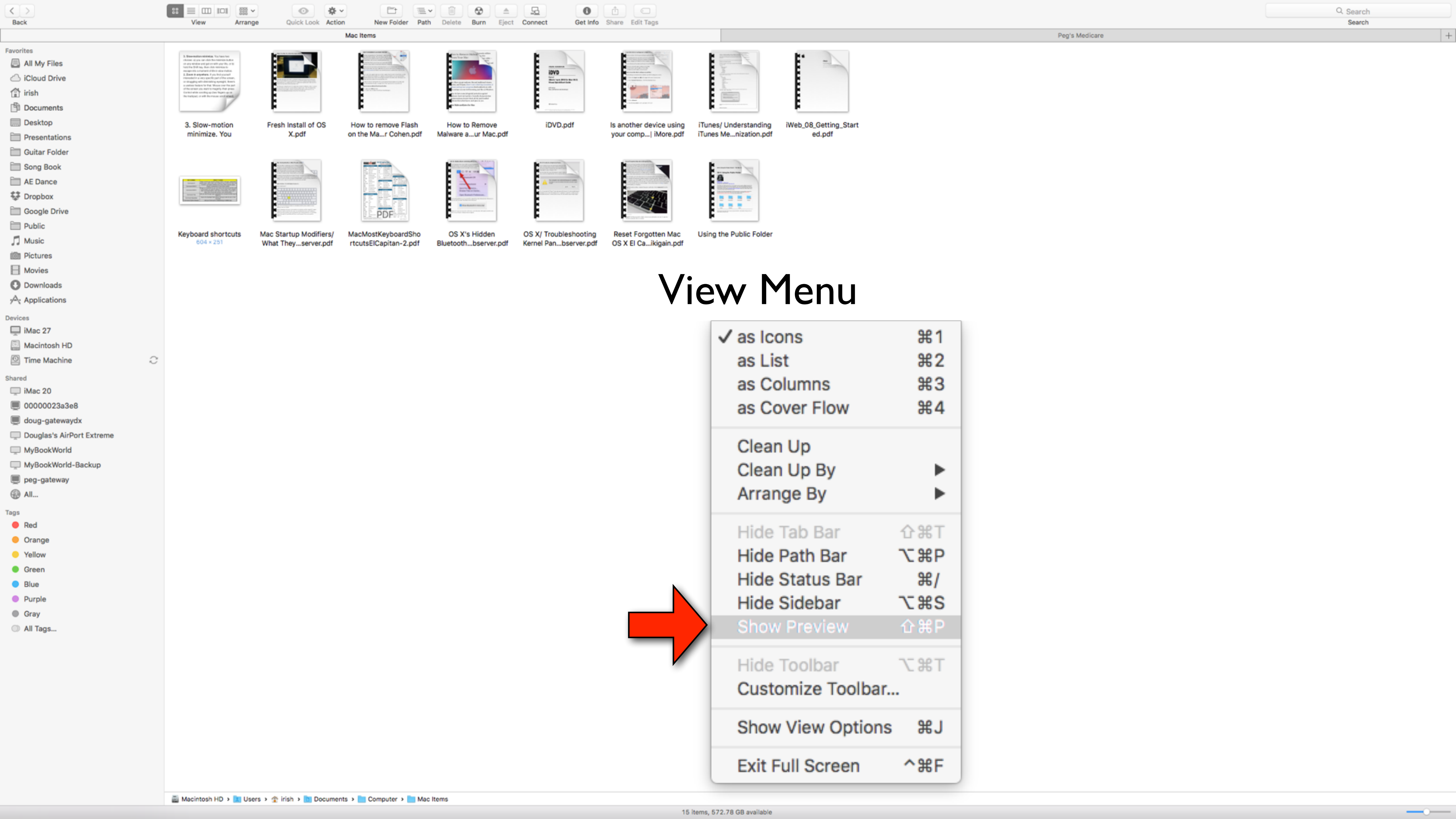
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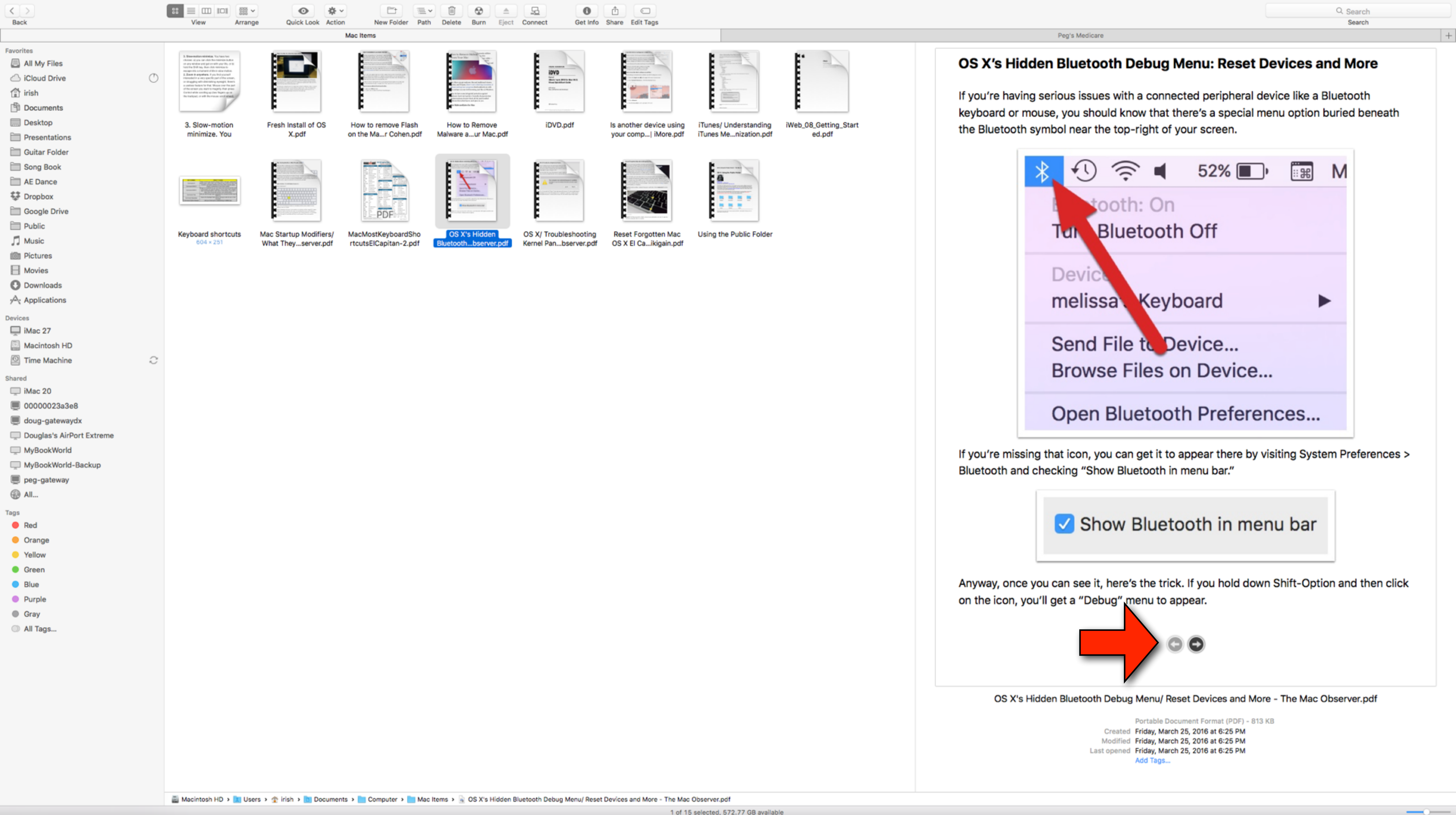
Finder's Preview Pane



- Another way to do this is to select “show preview” from the the view menu or use the shortcut (shift-command-p)
- This brings up a preview pane on the right hand side of the screen.
- Anything you select will show up in the preview pane
- On multipage documents, if you hover over the preview, you can use arrow keys to step thru the pages



View Menu


















Selecting Files - Review



Selecting Files


















- 4 ways to select files/songs/photos/etc... that every user should know:
 1. Click on a file to select a single file
 2. Use Command-A to select all files
 3. Click on the first file, hold down the shift key and click on the last file. This will select all the files between the two files you clicked.
 4. Hold down the Command key and select as many files as you wish















Name	
	3. Slow-motion minimize. You
	Fresh Install of OS X.pdf
	How to remove Flash on the Mac – Peter Cohen.pdf
	How to Remove Malware and Adware From Your Mac.pdf
	iDVD.pdf
	Is another device using your computer's IP address? Here's the fix! iMore.pdf
	iTunes/ Understanding iTunes Media Organization.pdf
	iWeb_08_Getting_Started.pdf
	Keyboard shortcuts
	Mac Startup Modifiers/ What They Do and How You Use Them! - The Mac Observer.pdf
	MacMostKeyboardShortcutsElCapitan-2.pdf
	OS X's Hidden Bluetooth Debug Menu/ Reset Devices and More - The Mac Observer.pdf
	OS X/ Troubleshooting Kernel Panics - The Mac Observer.pdf
	Reset Forgotten Mac OS X El Capitan Password - Wikigain.pdf
	Using the Public Folder

Click the first file
Hold Shift Key & Click the last file

Name
 3. Slow-motion minimize. You
 Fresh Install of OS X.pdf
 How to remove Flash on the Mac – Peter Cohen.pdf
 How to Remove Malware and Adware From Your Mac.pdf
 iDVD.pdf
 Is another device using your computer's IP address? Here's the fix! iMore.pdf
 iTunes/ Understanding iTunes Media Organization.pdf
 iWeb_08_Getting_Started.pdf
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 Mac Startup Modifiers/ What They Do and How You Use Them! - The Mac Observer.pdf
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 Using the Public Folder

Name	
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	How to Remove Malware and Adware From Your Mac.pdf
	iDVD.pdf
	Is another device using your computer's IP address? Here's the fix! iMore.pdf
	iTunes/ Understanding iTunes Media Organization.pdf
	iWeb_08_Getting_Started.pdf
	Keyboard shortcuts
	Mac Startup Modifiers/ What They Do and How You Use Them! - The Mac Observer.pdf
	MacMostKeyboardShortcutsElCapitan-2.pdf
	OS X's Hidden Bluetooth Debug Menu/ Reset Devices and More - The Mac Observer.pdf
	OS X/ Troubleshooting Kernel Panics - The Mac Observer.pdf
	Reset Forgotten Mac OS X El Capitan Password - Wikigain.pdf
	Using the Public Folder

Hold the Command Key and click
as many files as your wish

Name
 3. Slow-motion minimize. You
 Fresh Install of OS X.pdf
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 Using the Public Folder

My Apple Experiences



iPhone SE

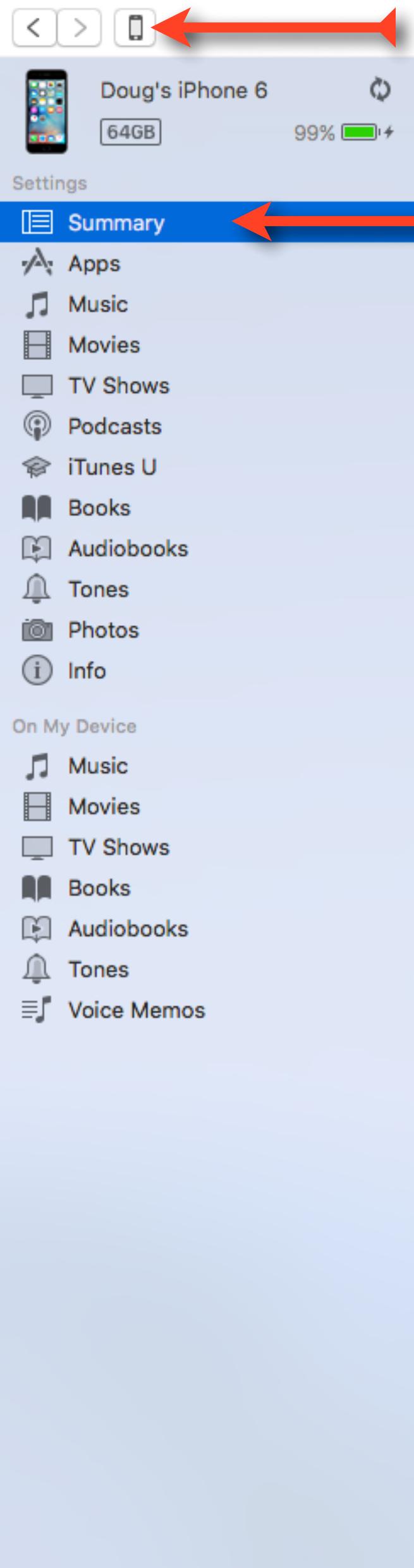


- Peg wanted to upgrade her iPhone 5s, primarily to be able to use Apple Pay
- She didn't want a bigger screen size because the smaller screen size is easier to keep in her purse
- We've been waiting for the 6se to be available in the Apple Store
- We stopped in this month and all models in the 64gb version were available, so Peg got the gold 6se 64gb model.
- The SE has a 4" screen and spec wise, it's somewhere between the 6 and 6s models.

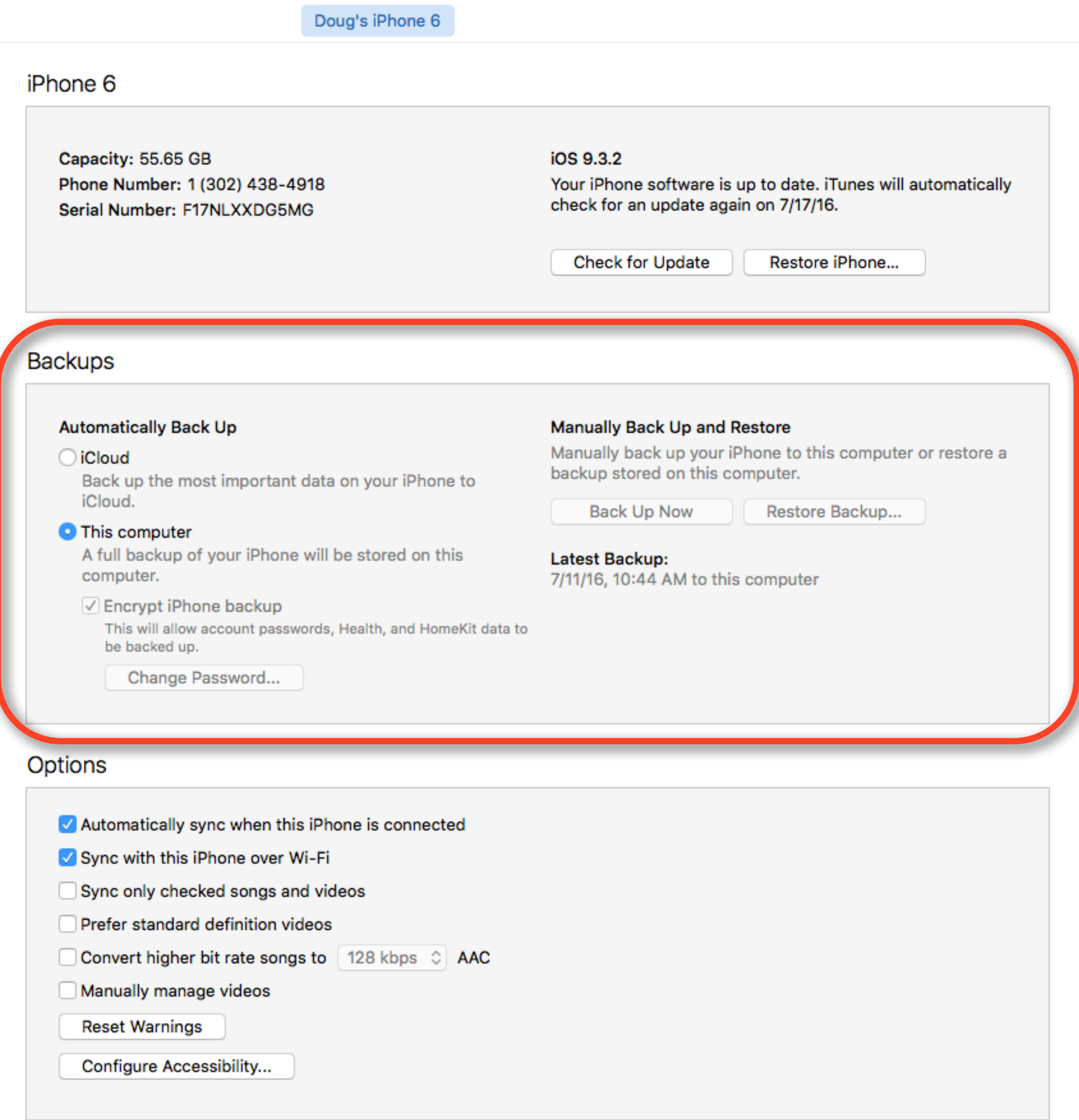
iPhone SE Upgrade



- Since the 5s and the 6se use the same SIMM, all it took was taking the SIMM from the old phone and inserting it in the new phone which only took a couple of minutes
- To get all her apps, data, and passwords back, we did an encrypted backup of the 5s in iTunes on my Mac and then restored the backup to the 6se. This took a couple of hours to complete.
- Upon finishing, the new phone looked identical to the old phone
- The only other actions we had to do were to do is re-do the fingerprint training and rename the new phone



Plug in your iPhone to your Mac and hit the icon in the upper left hand corner in iTunes and select Summary



To do an encrypted backup

Backing up an iPhone



Automatically Back Up

☐ iCloud

Back up the most important data on your iPhone to iCloud.

☒ This computer

A full backup of your iPhone will be stored on this computer.

☒ Encrypt iPhone backup

This will allow account passwords, Health, and HomeKit data to be backed up.

[Change Password...](#)

Manually Back Up and Restore

Manually back up your iPhone to this computer or restore a backup stored on this computer.

[Back Up Now](#)

[Restore Backup...](#)

Latest Backup:

Today 9:08 AM to this computer

Restoring an iPhone



Automatically Back Up

☐ iCloud

Back up the most important data on your iPhone to iCloud.

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A full backup of your iPhone will be stored on this computer.

☒ Encrypt iPhone backup

This will allow account passwords, Health, and HomeKit data to be backed up.

[Change Password...](#)

Manually Back Up and Restore

Manually back up your iPhone to this computer or restore a backup stored on this computer.

[Back Up Now](#)

[Restore Backup...](#)

Latest Backup:

Today 9:08 AM to this computer

iPhone Case



- When Peg upgraded her iPhone, we kept old 5s to use as a music device in my car
- Since Peg wanted to keep her old case, I started looking for a replacement case for the 5s
- I found a wallet type case from VRS designs that completely encased the iPhone and had a magnetic clasp to keep it closed.
- I liked the case so much that I also ordered one for my iPhone 6
- Cost - Approximately \$20

Versus iPhone Case



- What I liked about it:
 - Nice looking and a good feel - high quality
 - It does not interfere with any of the ports (charging, earphone, or camera)
 - The magnetic clasp works great
 - It provides protection to the glass screen without covering it with ugly plastic covers
 - It provides a place for credit cards and some cash

Versus iPhone Case



iPhone/iPad holders



- I currently use 3 iPhone/iPad holders which can be used in vertical or horizontal mode.
- The Amazon Basics Adjustable Tablet Stand(\$7.63): Adjusts to any angle you would like and is very portable. I keep it in my “Presentation Bag” in case I need it.
- The Anker Aluminum Universal Stand (\$8.99): Adjusts to any angle and is very sturdy. I keep it next to my iMac to hold my iPhone or iPad mini
- The Griffin Loop iPad Stand (\$6.14): Not adjustable. Has two positions. Is very sturdy and is extremely good when typing on an iPad

Anker Aluminum Multi-Angle Universal Phone and Tablet Stand



Amazon Basics Adjustable Tablet Stand



Griffin Loop iPad Stand



TPLink WiFi Smart Plug



TPLink WiFi Smart Plug



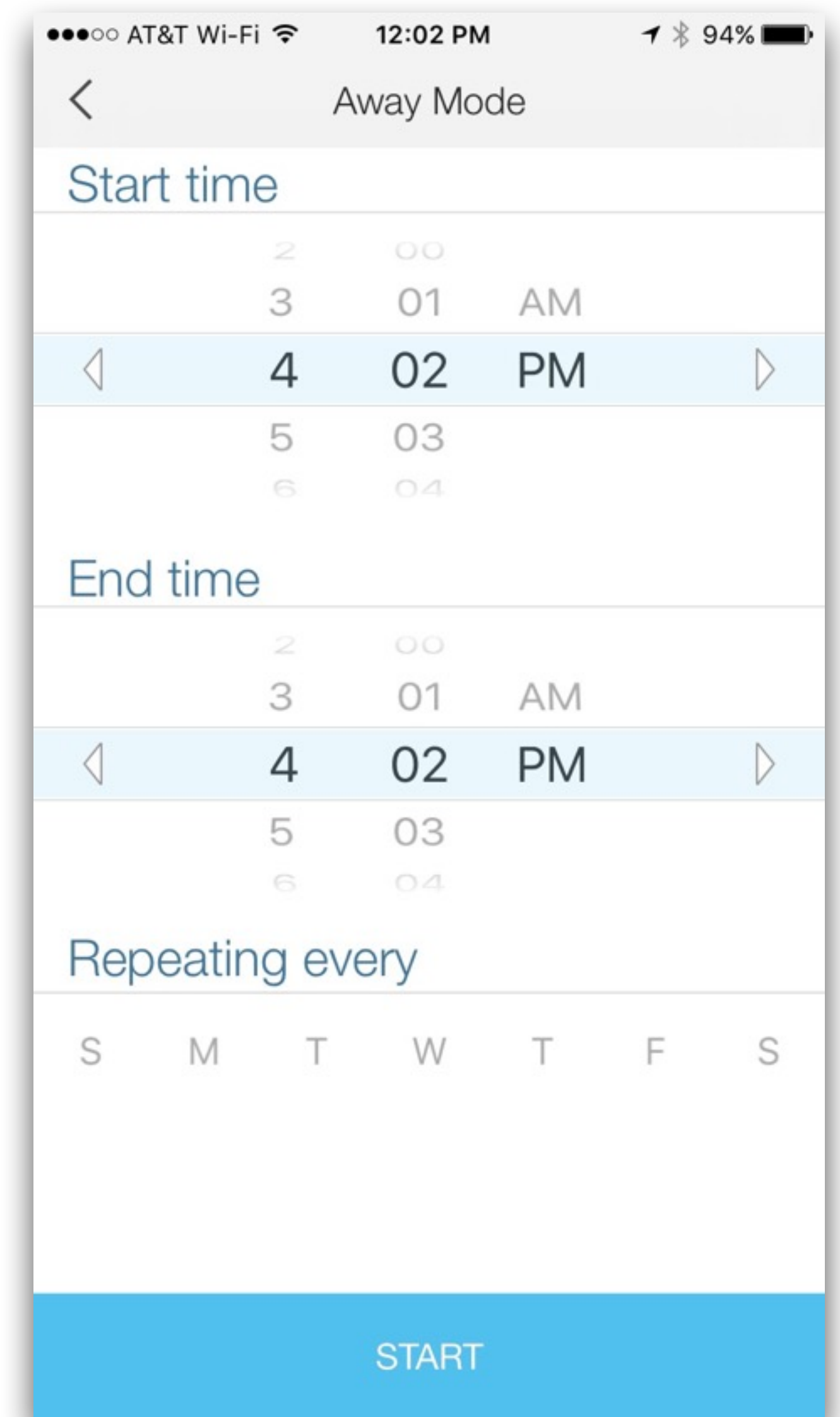
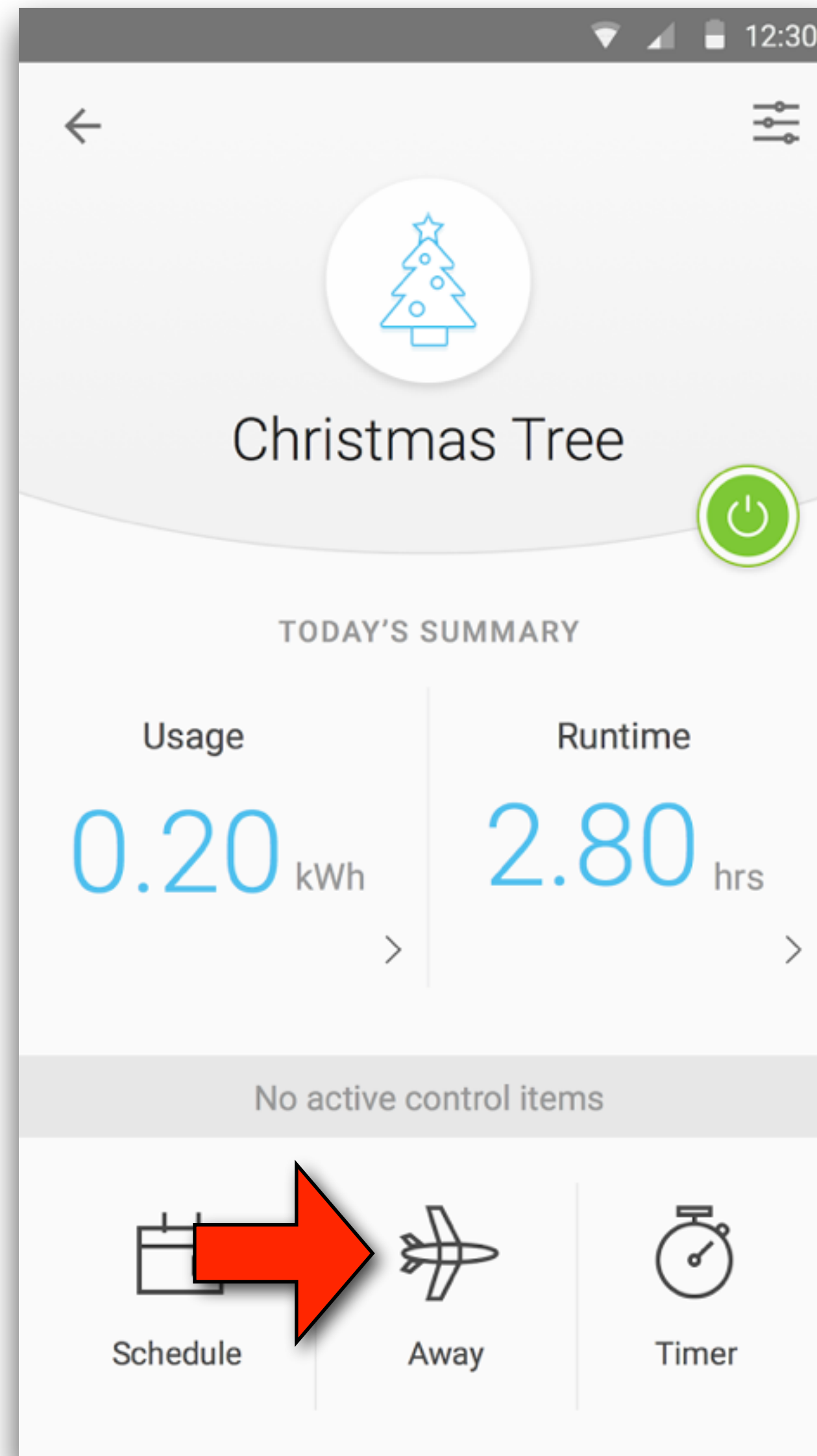
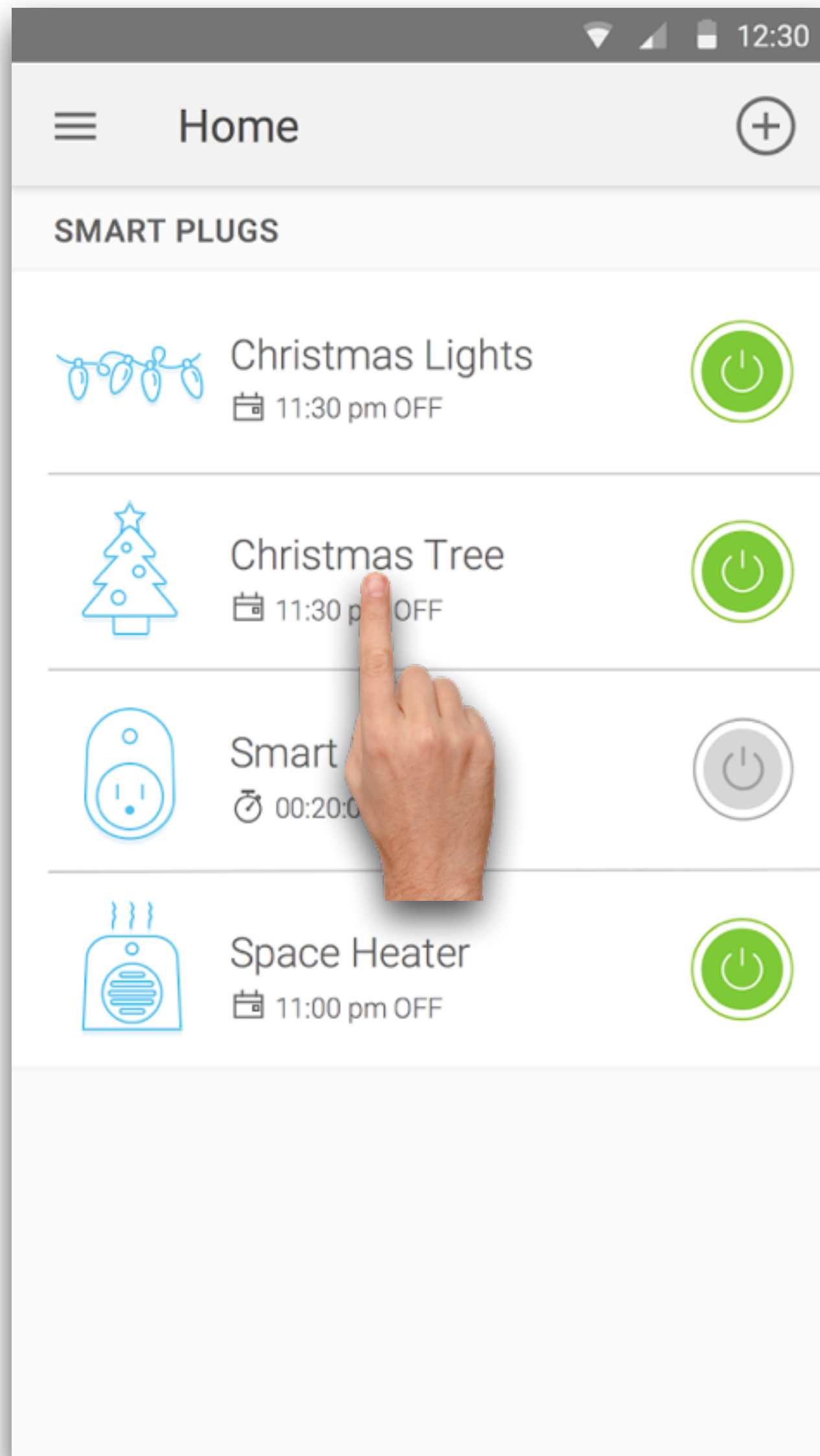
- A \$30 device that you plug into a wall socket, and allows you to control another device that you plug into the Smart Plug (i.e. Christmas lights, appliances, room lights, etc...)
- With the free Kasa app, you can:
 - Turn the Smart Plug on and off manually no matter where you are as long as you have Wi-Fi
 - Schedule the Smart Plug to automatically power electronics on and off as needed, like setting lights to come on at dusk or turn off at sunrise.

TPLink WiFi Smart Plug

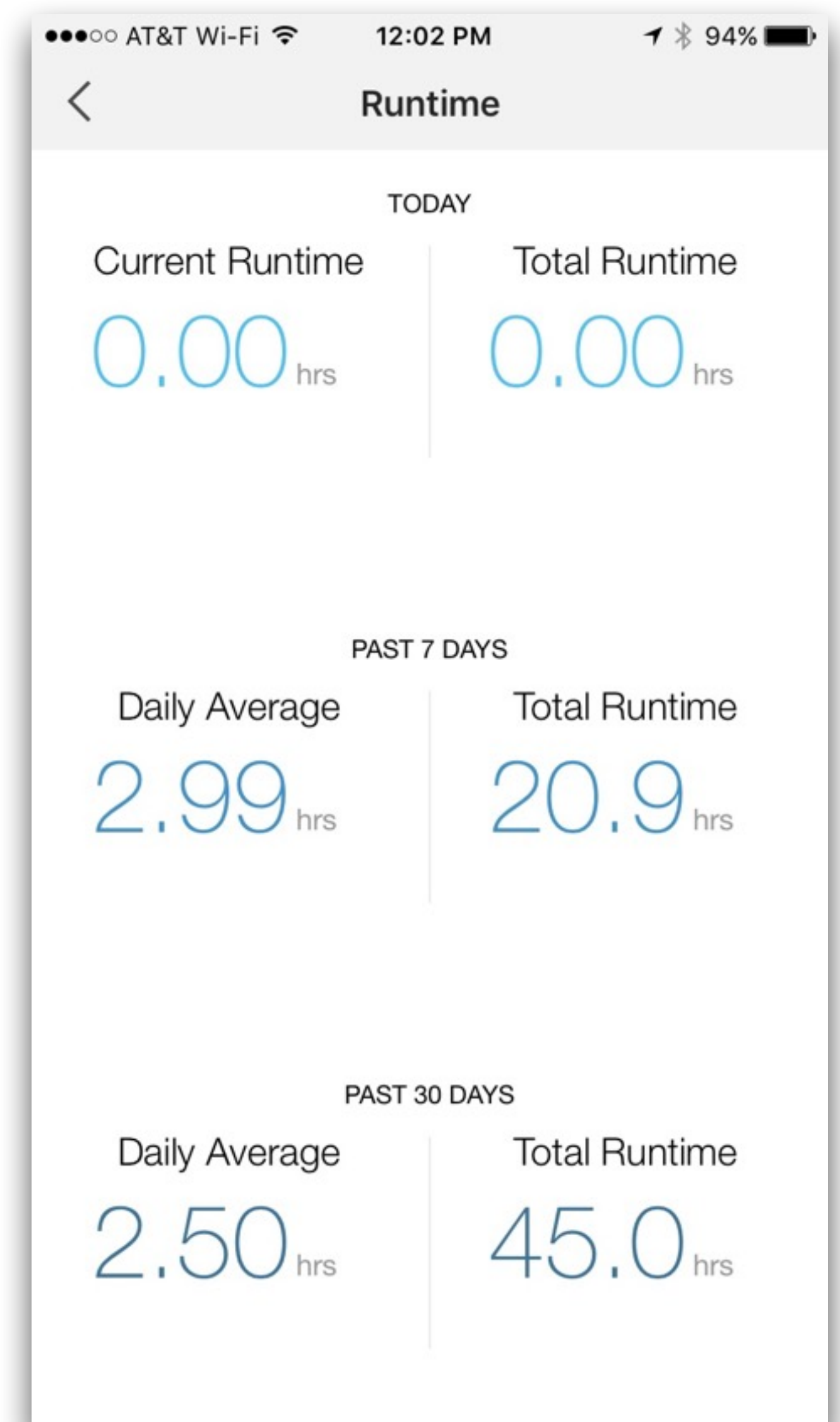
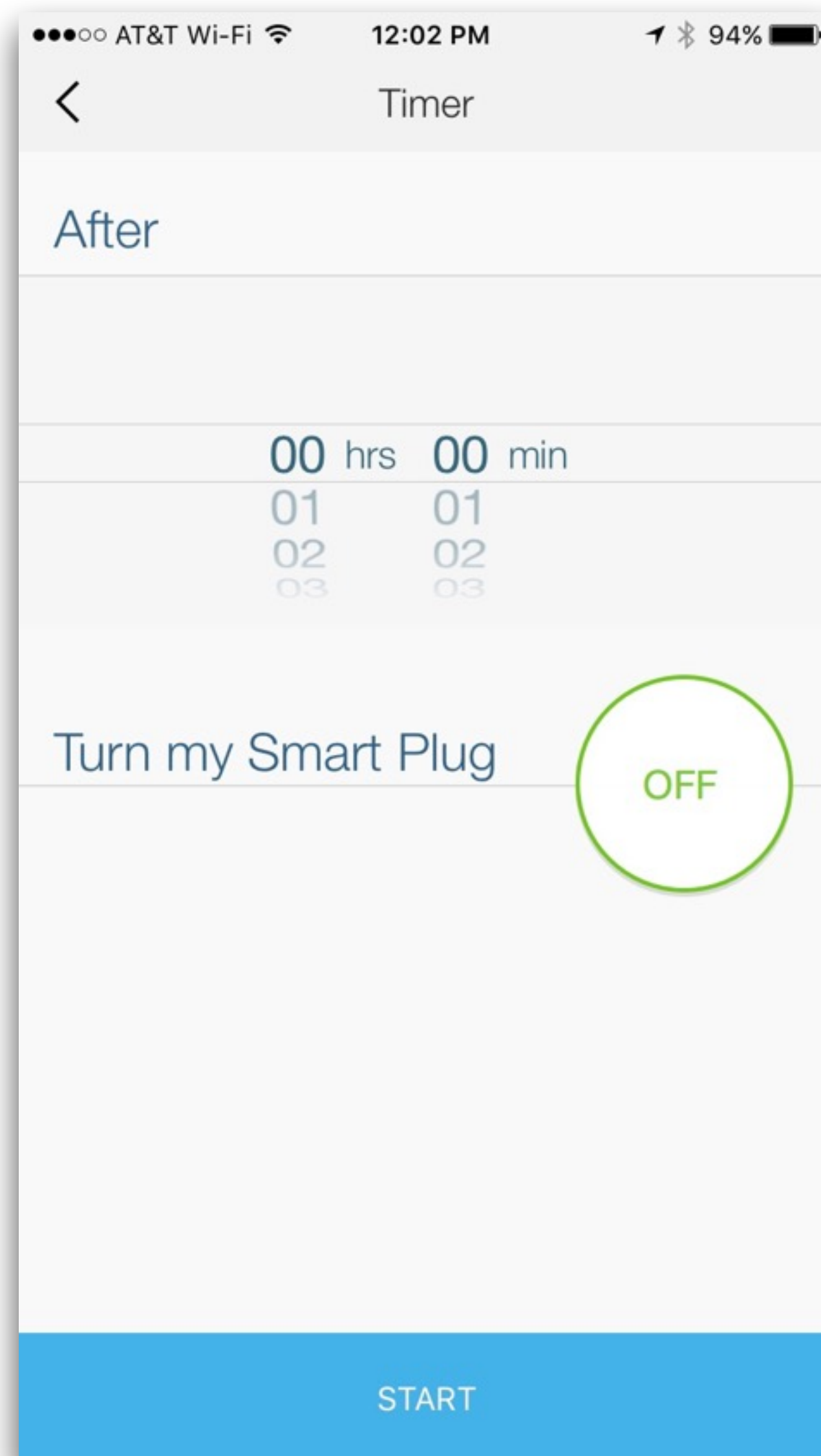
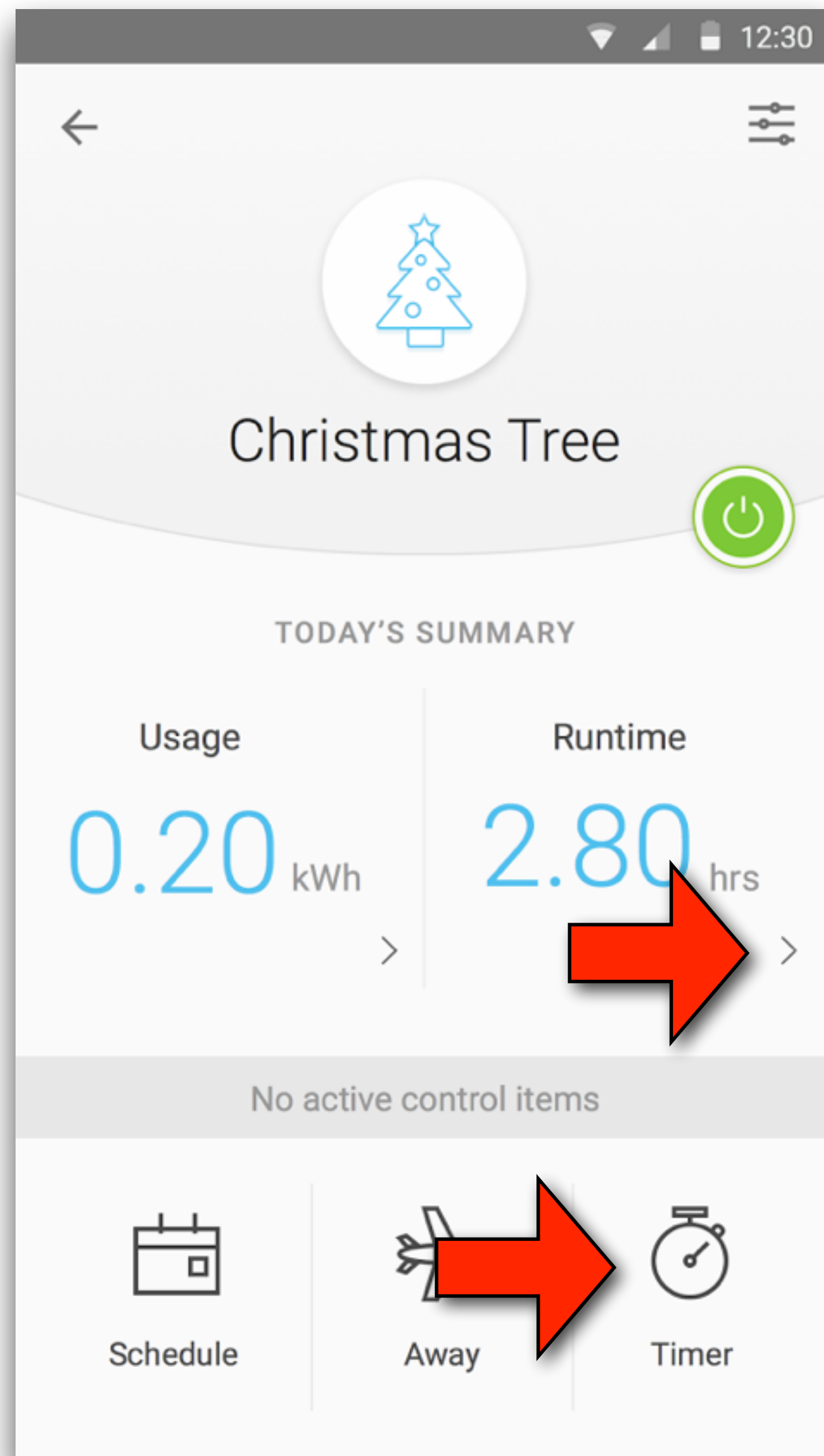


- Turn your devices on and off at different times to give the appearance that someone is home.
- Turn your device off after so many minutes (Like a heater or iron)
- The Kasa app also will let you know how long the device was on for the last 24 hours, the past 7 days, and the past 30 days.
- You can also control it thru the Amazon Echo - “Alexa, turn on the Christmas lights”

Kasa App



Kasa App



Bluetooth vs. AirPlay



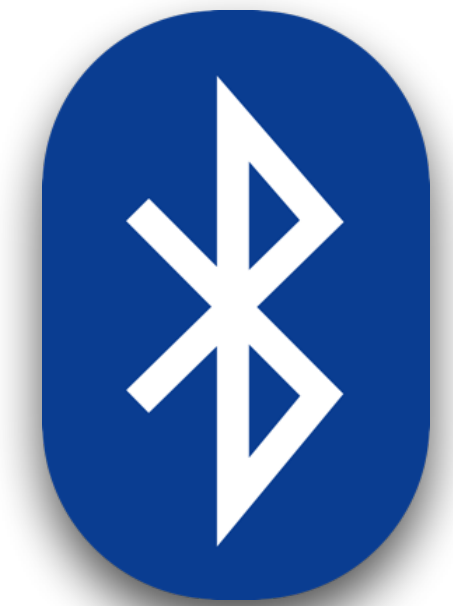


Bluetooth vs. AirPlay



- These are two competing wireless technologies for transmitting audio and are both gaining steam in the market
- If the rumors are true and Apple does away with the 3.5mm audio jack they will gain steam even faster
- It doesn't appear as though one technology has a decided edge over the other either. In fact in a recent poll, the preference was split about 50/50
- I have a number of both types of devices and each have their pros and cons. All Macs and iOS devices are capable of using either.

Bluetooth



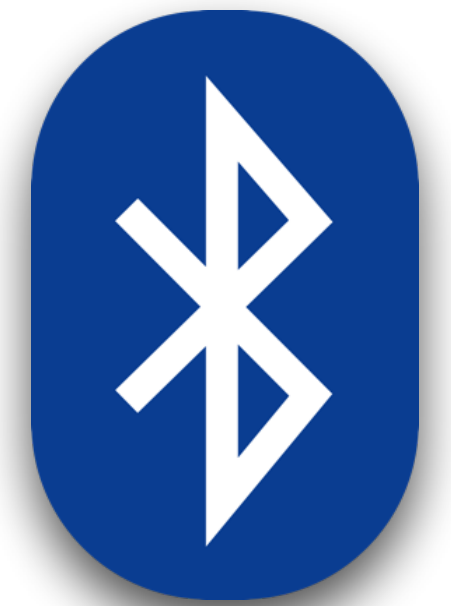
- Is more common. It works with more devices including both Android and Apple devices (Apple: iDevice, Macs, and the 4G Apple TV).
- Has a more limited range. Normally 20 to 66 feet between transmitter and receiver.
- Requires a one time pairing process between the transmitter and the receiver
- Is more portable because it works without a Wi-Fi network in place. Therefore applications like car radios, phones, and wireless headphones are almost always Bluetooth.
- Audio quality was once an an issue, but with Bluetooth 4.0 and the new aptX codec, the difference is probably not noticeable to most people for most devices
- Is generally less expensive

AirPlay



- Is an Apple proprietary technology that works over Wi-Fi networks.
 - It also means it has a much broader range in the home than Bluetooth
 - Requires a Wi-Fi network so it is less portable
- Requires an iDevice, or iTunes on a Mac or PC to transmit
- Theoretically it is higher quality due to lossless compression
- Allows you to run multiple speakers and set volume levels for individual speakers via iTunes. (whole house stereo)
- Speakers are generally more expensive, because of the Apple licensing fee.
- (Note: AirPlay is also capable of transmitting video as well as audio)

Bluetooth Speakers



Oontz Angle



UE Roll

Oontz Angle



- \$28 portable Bluetooth speaker (9 ounces; Just 5 inches long) made by Cambridge Audio
- This is on the lower end of the large number of Bluetooth speakers available
- Water resistant IPX5 - speaker can resist gentle water spray & splash but cannot be partially or fully submerged
- Built in MIC for handsfree speakerphone phone calls from iPhones
- Quality is not bad, but set your expectations properly considering the price and size and don't expect a lot of bass

UE Roll



- \$99 Portable Bluetooth speaker. UE Roll 2 just released. I found the older model for \$65 and refurbished units as low as \$50.
- IPX7 rated waterproof for up to 30 minutes and a depth of 1 meter. It even comes with a float for use in the pool. A number of people report using it in the shower.
- Very good 360-degree sound and has a marine-grade bungee cord that can attach to your bike, backpack, snorkel or whatever.
- 65 ft. Bluetooth wireless range and 9 hr. battery life
- UE ROLL companion app allows you to set alarms, simultaneously connect two phones, or connect 2 UE speakers together in Stereo.

Bluetooth Devices



Esinkin and Bose audio adapter

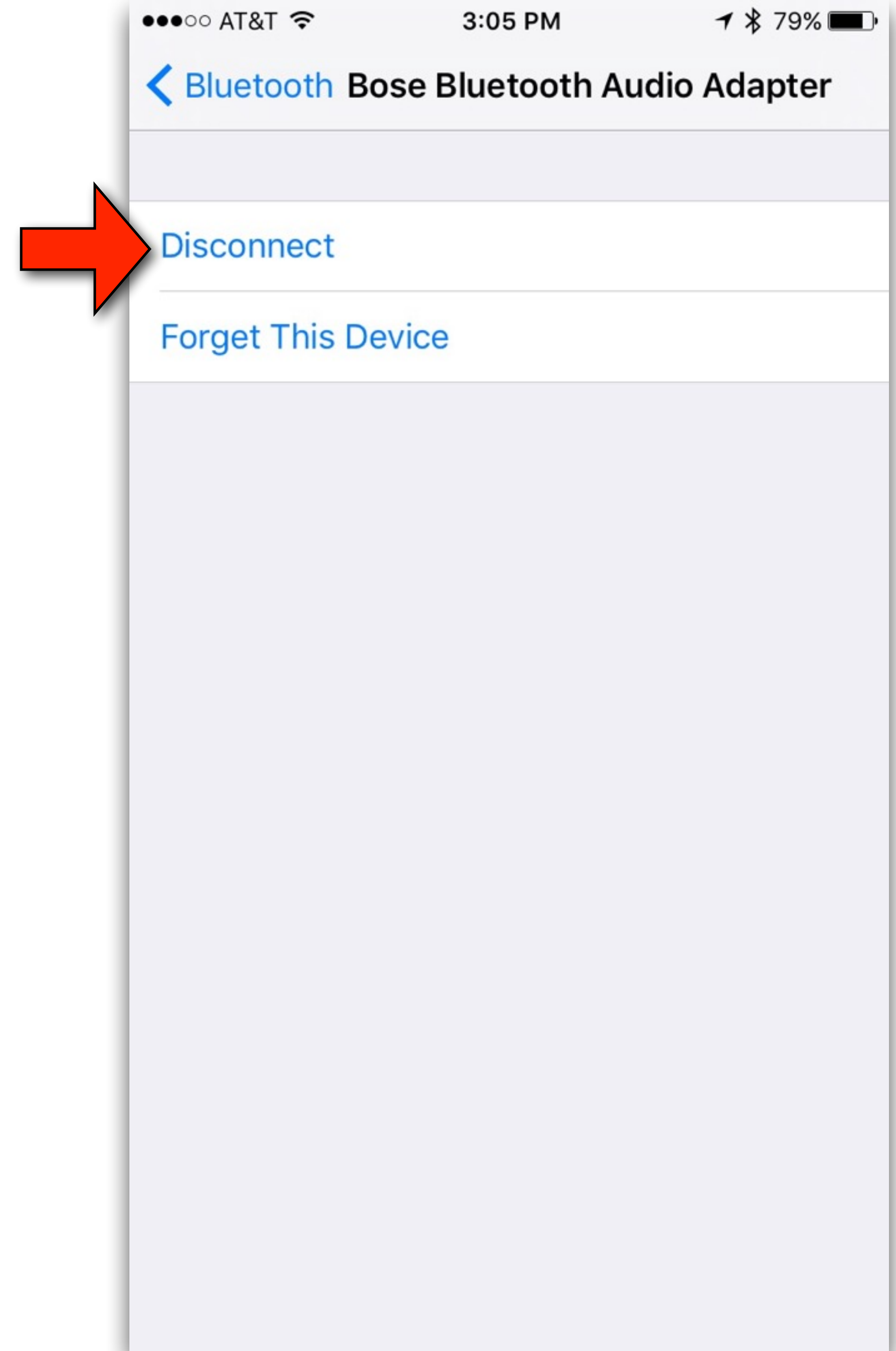
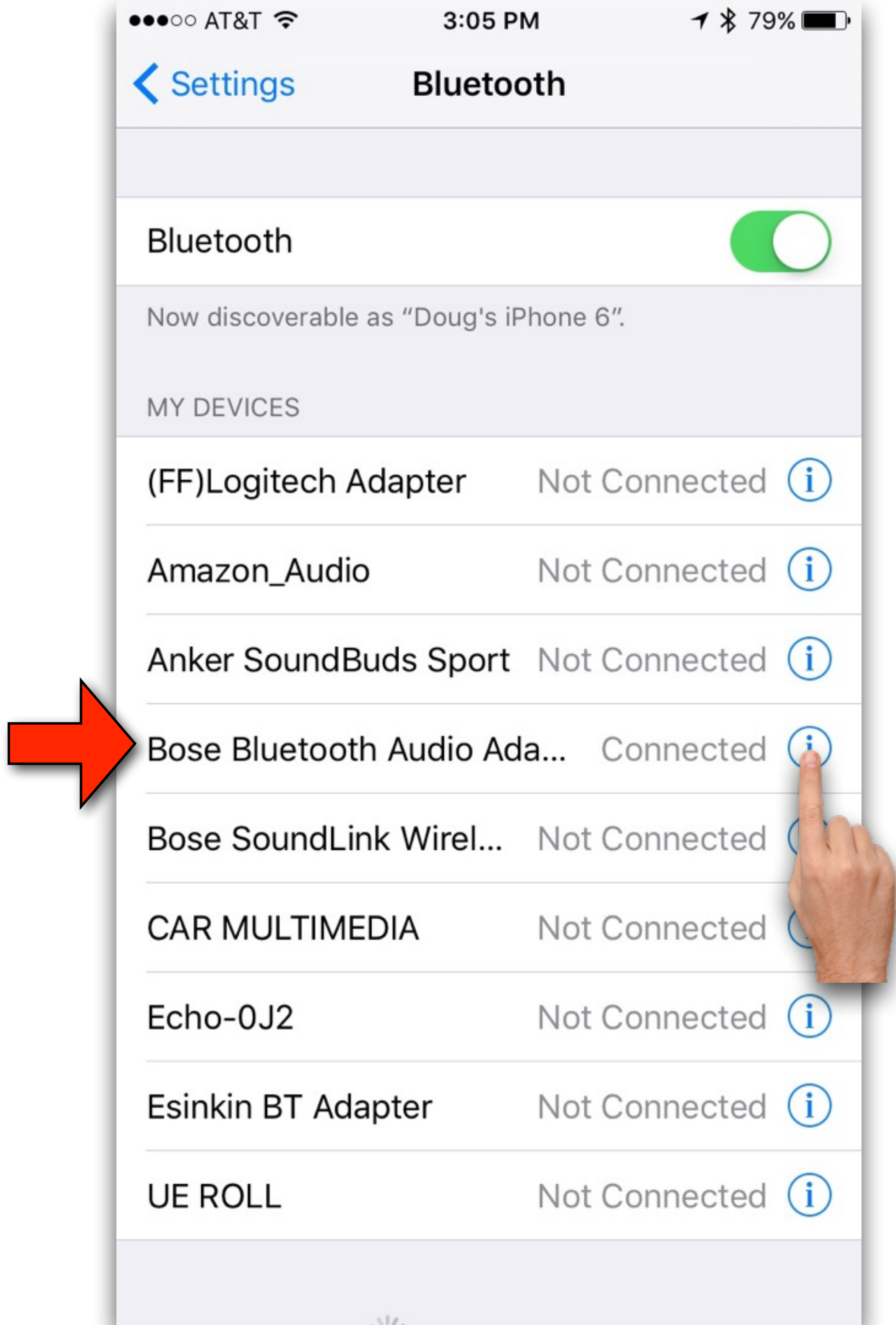


Anker Sportsbuds

Bluetooth Audio adapters



- Bluetooth audio adapters allow you to take a powered speaker with an Aux port and make that speaker into a bluetooth device
- I have 3 adapters: Esinkin (\$22), Logitech (\$28), and a Bose adapter(\$59)
- The Esinkin and Logitech are identical devices, just with a different nameplate on it.
- The only problem with the cheaper devices is that they will pair whenever they are on, so if you don't want them you have to power them off. You can disconnect/connect to the Bose.



Anker Sportsbuds



- \$26 Earbuds that don't require you to plug into your phone
- Wireless earbuds are so much better for exercise (Gym, Running, walking, etc...)
- These buds are Bluetooth 4.0 with 8-hour playtime on a single charge
- They are IPX4-Rated Splash proof to withstand sweat or rain
- Comes with a travel pouch
- A lot of products like this are available from \$20 to \$150 and more coming out everyday

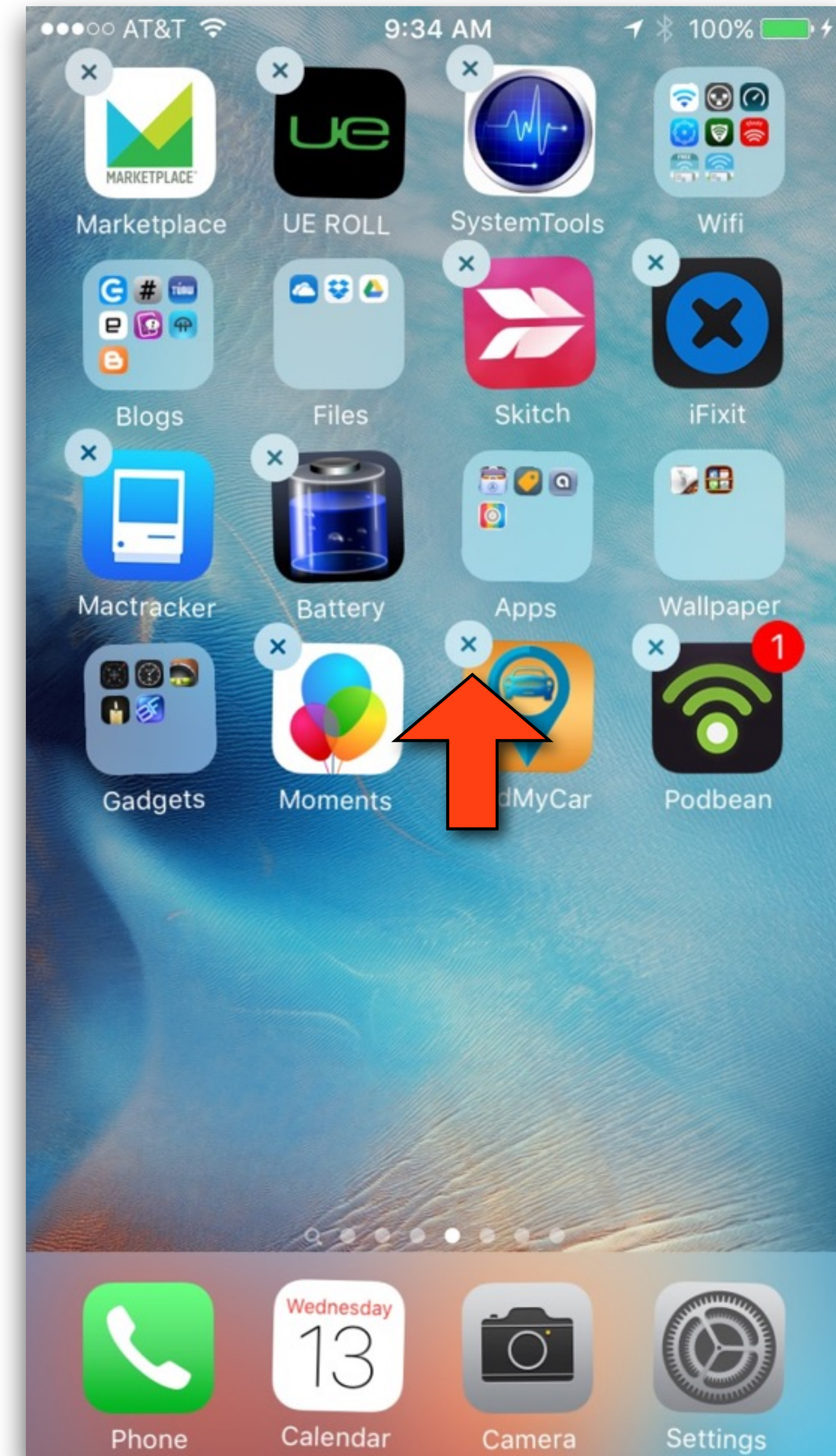


Question

- Q: I installed a WIFI finder app on my iPad. If I don't need it, how can I get it off.
- A: Use “jiggle” mode

Jiggle Mode

- Just press and hold on any app until apps begin to jiggle and you see the little x's in the corner
- Tap the “x” to remove the app
- Hit the home button to exit jiggle mode
- Core apple apps can not be removed
- You can re-download the app from the App Store if you change your mind later





Any Questions?

Thank You!



*Presentation produced on an iMAC using
Apple's Keynote software