



Apple User Group

November 30, 2015
Episode 60*



*Since Jan 2010

Next Meeting

Monday 9:30

January 25, 2016



New Apple Equipment?

- From the Senior Surfer Board:
 - You've got a go from the board to buy a new Apple TV for the exclusive use of the Apple group.
 - The board also asked if there was anything else that the Apple group needs. A new iMac? Airport router for the NSC? Newer MacMini? Another iOS device?
 - Please discuss with the other frequent Apple participant and get back to us at your convenience.





Apple News!

Apple News



- Firefox for iOS is now available in the iOS App Store. I use primarily Safari and occasionally Chrome. But now all 3 are available to you on your iOS device.
- Since our last meeting Apple has released the following new products: new Apple TV, the iPad Pro a new trackpad, keyboard and mouse, and new iMacs. All in time for the holiday shopping season.
- Apple is rumored to be developing an iOS app designed to help troubleshoot issues with iPhones and iPads.

New Apple Watch Charging Cable (\$75)





Global iPhone Sales

2007 - 2015 (million units)

Apple 10-K SEC Filings Item 6 Selected Financial Data

<http://investor.apple.com/sec.cfm>

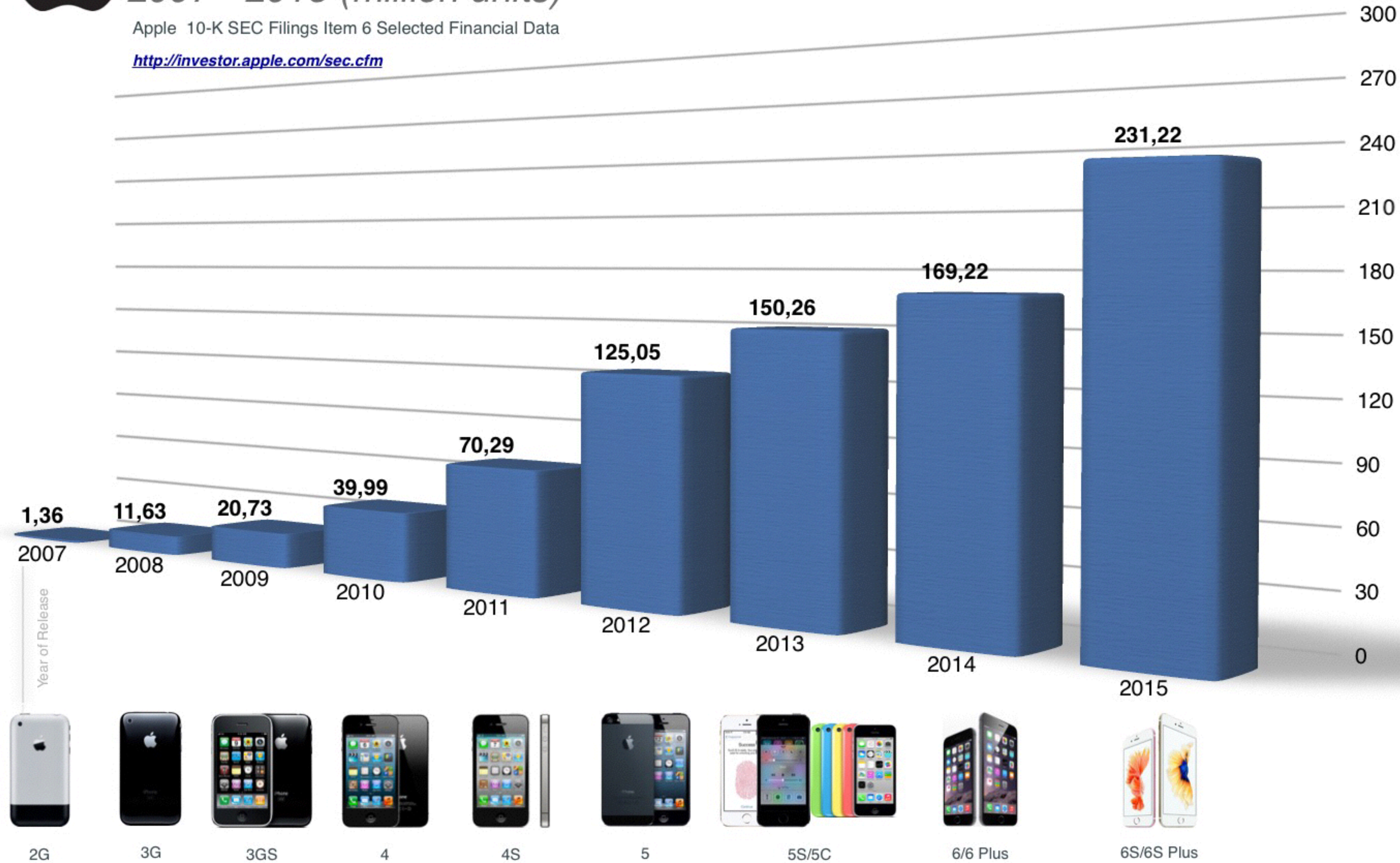
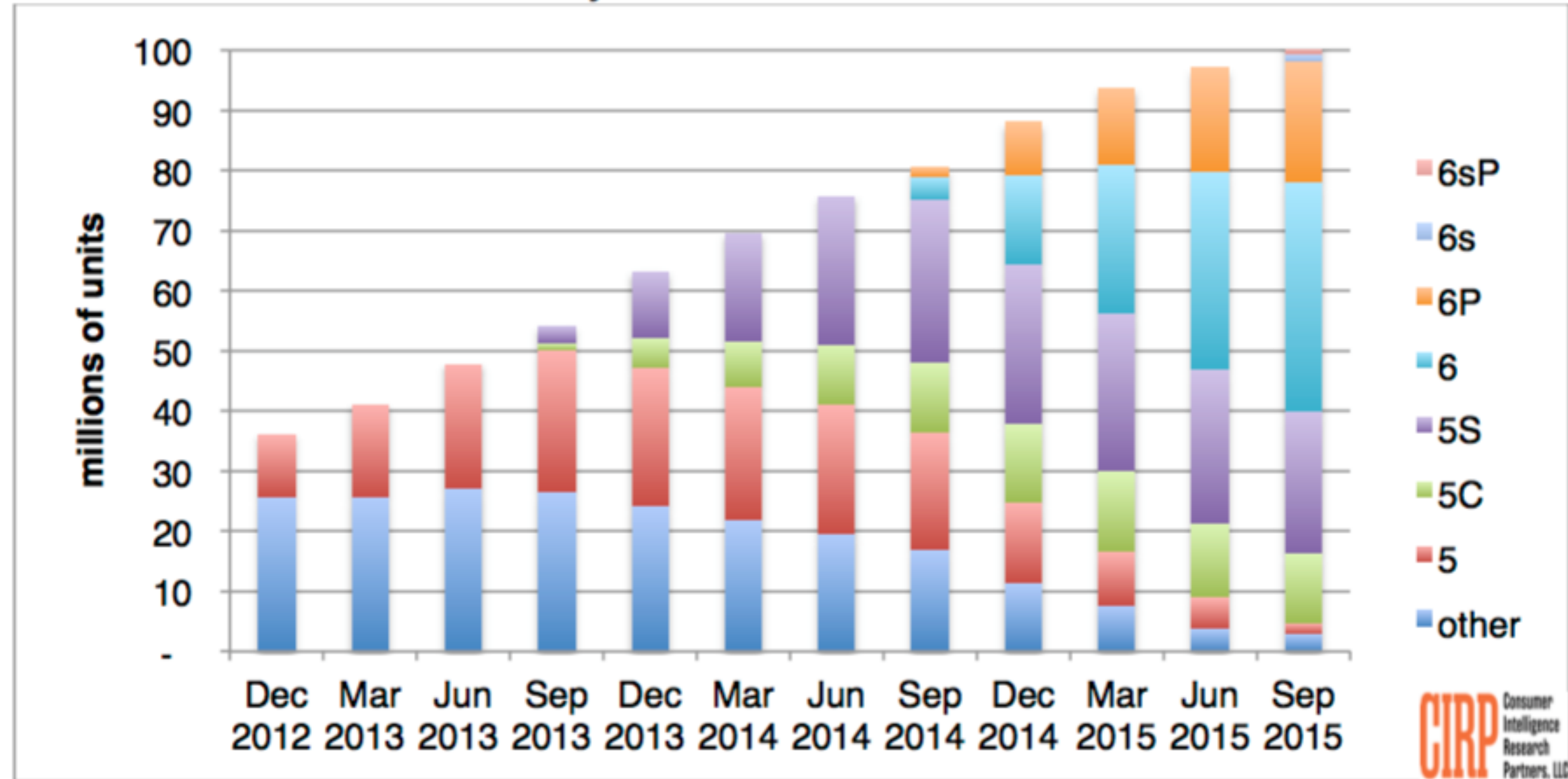
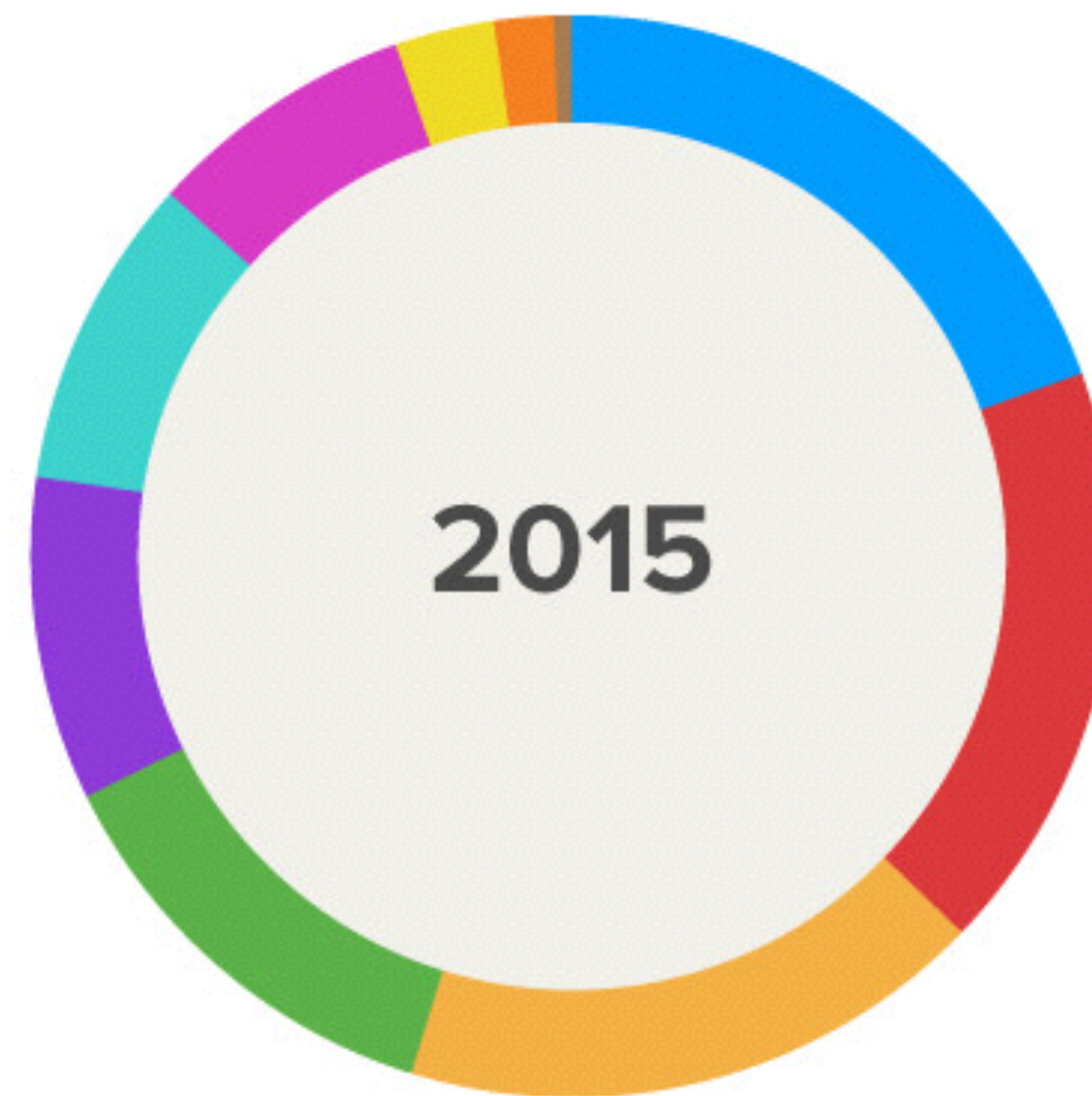


Chart 1: Installed Based of iPhones by Model



Installed base - iPad Models

iPad Device Share



■ iPad 2	20.0%
■ iPad mini	18.0%
■ iPad Air	17.0%
■ iPad (4th gen)	13.0%
■ iPad (3rd gen)	10.0%
■ iPad Air 2	9.0%
■ iPad mini 2	8.0%
■ iPad	3.0%
■ iPad mini 3	2.0%
■ iPad mini 4	0.3%

My Apple Experiences



Apple TV



Apple TV



- Since we last met, I have purchased two 4th generation Apple TV's.
 - One for myself to replace my 2nd generation Apple TV, which is no longer supported
 - One for exclusive use by the Apple Users Group for these presentations
- I purchased the 32G (\$149) device vs. the 64G (\$199). The advice I got was that unless you were a major gamer, the 32G was probably satisfactory
- The major new features are faster hardware, a new App Store, Siri integration, a new tvOS user interface, and a new remote.

Set UP



- Set up involves basically just attaching the Apple TV to your TV using HDMI and plugging it in.
- Once it boots up, just follow the directions on your TV.
- You are given a choice to set up the Apple TV manually or set it up using an iOS device.
- If you use the iOS device, it will use your device to automatically enter your Apple iD/password and Wi-Fi information.
- I used my iPhone as the device at home and it worked flawlessly.
- I set it up manually for the Apple Users Apple TV with no problems

The Remote



- The remote is a big upgrade over the previous version
- You have a trackpad-like surface on top that allows you to move quickly between options.
- There's also a button used to summon Siri
- A volume up/down button controls your TV volume.
- It has a home button that brings you back to the home screen and a menu button that works to bring you back a screen.

The Remote



- The trackpad is glass so it can break. You need to be a bit more protective with it than the old model.
- It uses rechargeable batteries and recharges thru a lightning port just like your iPhone/iPad.
- I find myself picking it up upside down by accident frequently.
- In general, I like the trackpad and the Siri interface, and think the remote is a major upgrade from the last model

Remote Tips



- When entering text, press the Play/Pause button once to change the keyboard between uppercase and lowercase.
- Pressing the home button twice brings up an app switcher similar to command-tab on a Mac
- Press and hold the home button to put it to sleep
- Press the menu button twice from the home screen invokes the screensaver
- Hovering over an App, press and hold the trackpad to put the device into wiggle mode which works like an iDevice

The Interface



- It's very similar to last year's model except:
 - It's more attractive (not just icons on a black screen)
 - You chose your apps and don't automatically get a lot of apps that you might not ever use or even can't use
- The app store is exactly like the app stores that you have used on your iOS device or Mac
- The Aerial screensaver is pretty amazing. It's like a slow moving landscape movie, and it's just gorgeous.

Some Downsides



- It no longer has a separate optical audio channel. I used my old Apple TV to feed my surround sound stereo. To do that now, I'd have to run the signal thru my TV and my receiver. Not a big deal.
- The remote app on your iPhone does not work (yet) with the 4th gen model.
- There is no Apple Podcast app so far and that's a disappointment (Hopefully it's on the way)

My Impressions



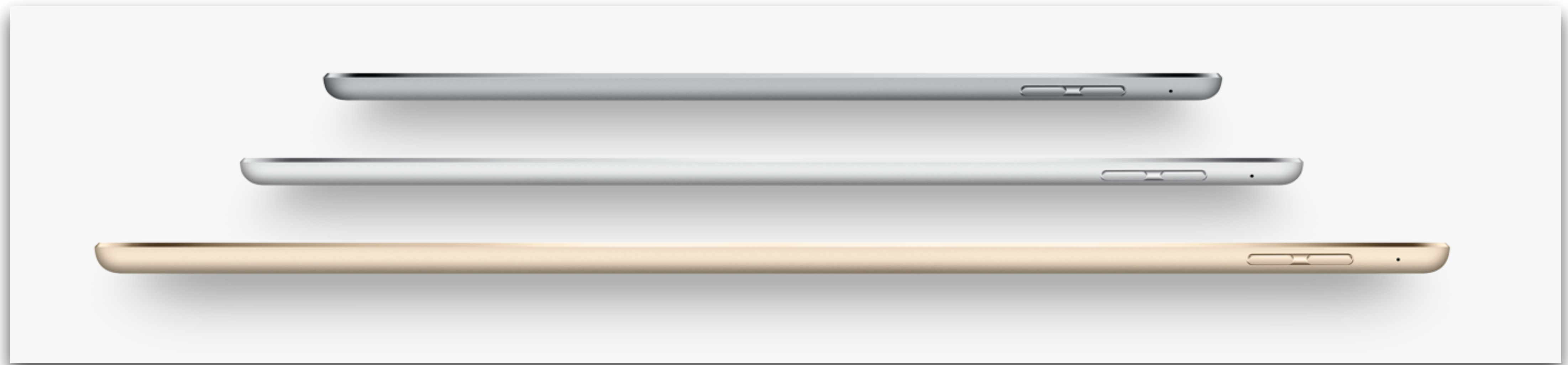
- I like the Aerial screensaver, but you can't choose which one you see. You can download it daily, weekly, monthly or never, but you can't control which one you use.
- There's a purchased tab in the app store and some apps are universal so if you bought it for your iPad, it's available for the Apple TV.
- iTunes Match works fine and the ability to see things from your Mac seems to be more consistent for me so far.

My Impressions



- I haven't yet tried any of the games and don't anticipate using it much for games
- There is not a lot I currently do with the new Apple TV that I couldn't do with the 3rd gen model. So far...
- I've upgraded the Apple TV software once already and it was stupid easy to do.
- Success of the device is going to depend a lot on what app developers do with it.

iPad Pro



iPad Pro



iPad Pro



- I talked about the iPad Pro in the last meeting. It is now released and I played with one at the Apple store this month.
- It has a large 12.9” display and is much lighter than I expected. It’s about the same weight as the original iPad
- Other than the size, it looks, feels and works just like the iPad Air 2
- The keyboard and pencil that Apple released with it, seem to work great. These accessories only work with an iPad Pro at this time.

iPad Pro



- You might want to consider an iPad Pro if:
 - You like the iPad but want a bigger screen. (ie. You want to see more text using a larger font.)
 - You are a casual user and want to use it as a laptop with the keyboard and larger screen. (Casual = primarily mail and internet users)
 - You are an artist or graphic designer. The pen would be phenomenal for these folks.

Apple Pencil Breakdown



New iMacs



New 21.5” iMacs



- Apple has released a new 21.5–inch iMac with Retina 4K display like the 27” iMac with Retina Display released last fall
- The new model comes with a Intel Core i5, 8G of RAM, a 1TB hard drive and 802.11ac Wi-Fi.
- Upgrade options include: an Intel Core i7, 16GB RAM and Flash or Fusion Drives in various capacities.
- The new iMacs comes with the latest Magic Keyboard, Magic Mouse 2, or Magic Trackpad 2 as standard options

New 27” iMacs



- Apple also released another update to its 27” iMac with Retina 5K Display along with a slight price drop.
- At the same time, they also eliminated the 27” non-Retina display model.
- The entry-level model is powered by a Intel Core i5, with 8GB RAM, 802.11ac Wi-Fi, and a 1TB hard drive
- Upgrade options include: an Intel Core i7, 16GB RAM and Flash or Fusion Drives in various capacities.
- The new iMacs comes with the latest Magic Keyboard, Magic Mouse 2, or Magic Trackpad 2 as standard options

Current iMacs



iMac 21.5-inch
from \$1099

- 21.5-inch (diagonal) LED-backlit display
- 1.6GHz dual-core or 2.8GHz quad-core Intel Core i5 processor
Turbo Boost up to 3.3GHz
- 1TB 5400-rpm hard drive; 1TB or 2TB Fusion Drive; or 256GB flash storage (SSD)²
- Magic Keyboard and Magic Mouse 2 or Magic Trackpad 2



iMac 21.5-inch
with Retina 4K display
from \$1499

- 21.5-inch (diagonal) LED-backlit Retina 4K display
- 3.1GHz quad-core Intel Core i5 or 3.3GHz quad-core Intel Core i7 processor
Turbo Boost up to 3.8GHz
- 1TB 5400-rpm hard drive; 1TB or 2TB Fusion Drive; or up to 512GB flash storage (SSD)²
- Magic Keyboard and Magic Mouse 2 or Magic Trackpad 2



iMac 27-inch
with Retina 5K display
from \$1799

- 27-inch (diagonal) LED-backlit Retina 5K display
- 3.2GHz or 3.3GHz quad-core Intel Core i5 or 4.0GHz quad-core Intel Core i7 processor
Turbo Boost up to 4.2GHz
- 1TB 7200-rpm hard drive; 1TB, 2TB, or 3TB Fusion Drive; or up to 1TB flash storage (SSD)²
- Magic Keyboard and Magic Mouse 2 or Magic Trackpad 2

Magic Trackpad 2, Magic Mouse 2, Magic Keyboard



New Input Devices



- Apple has released new versions of its Mouse, Keyboard, and Trackpad for use with their iMacs
- All the new devices use Bluetooth connections, that pair automatically when plugged into a Mac with a lightning cable. They operate wirelessly after that.
- Instead of AA batteries, they feature lithium-ion batteries that are rechargeable with a Lightning port
- Apple estimates all of the devices take about 2 hours to fully charge and can last a month or more on a single charge.

Magic Mouse 2



- The Magic Mouse 2 (\$80) has a slimmer profile and is lighter since AA batteries are no longer required.
- An improved foot design gives the new mouse smoother movement with less resistance
- It has a multi-touch surface allows users to scroll in any direction with one finger, swipe through web pages and click or double click anywhere.

Magic Keyboard



- The Magic Keyboard (\$100) has a lower profile than the old Apple wireless keyboard due to the rechargeable battery
- It also has improved key stability thanks to a re-engineered scissor mechanism.

Magic Trackpad 2



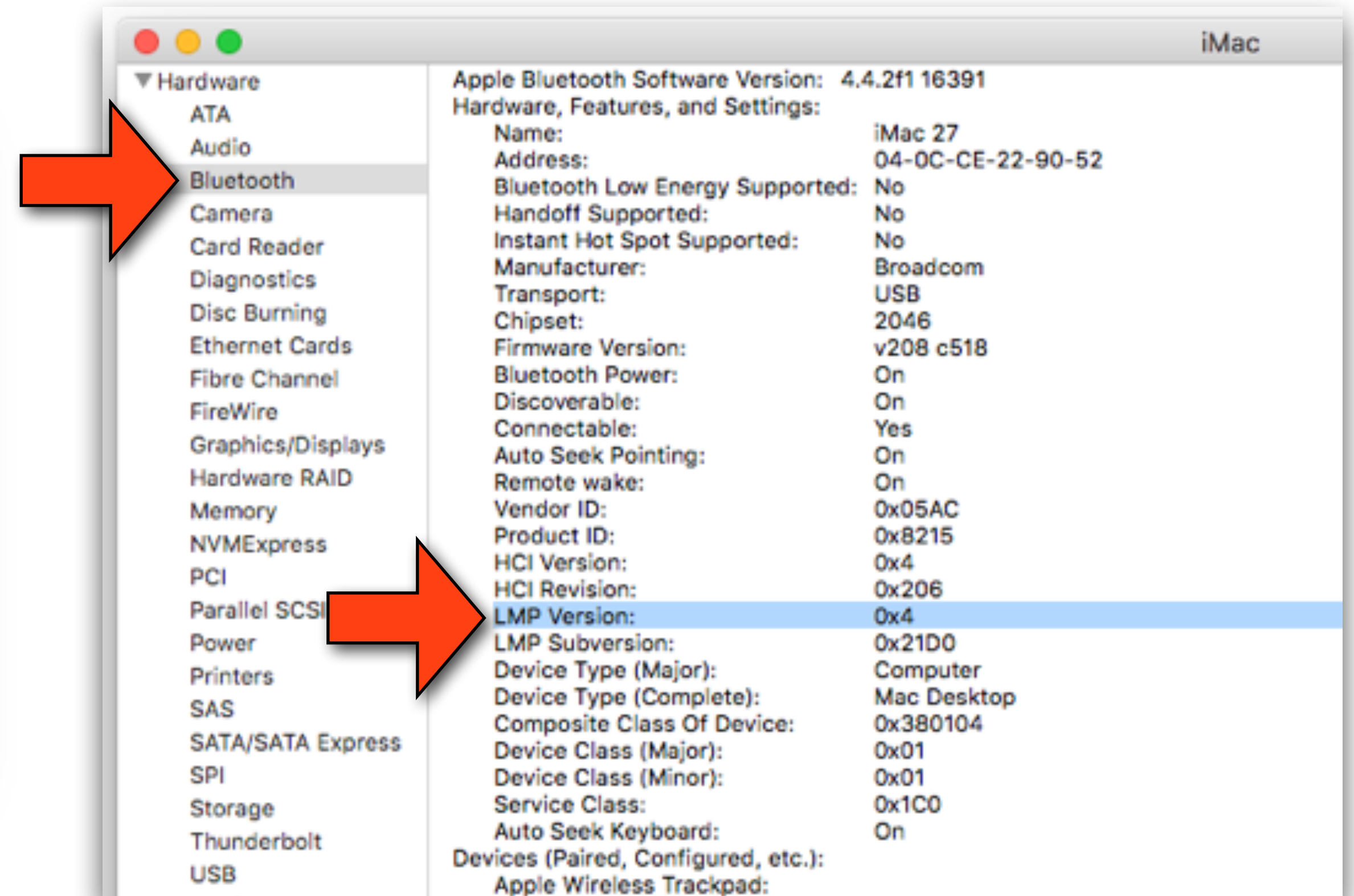
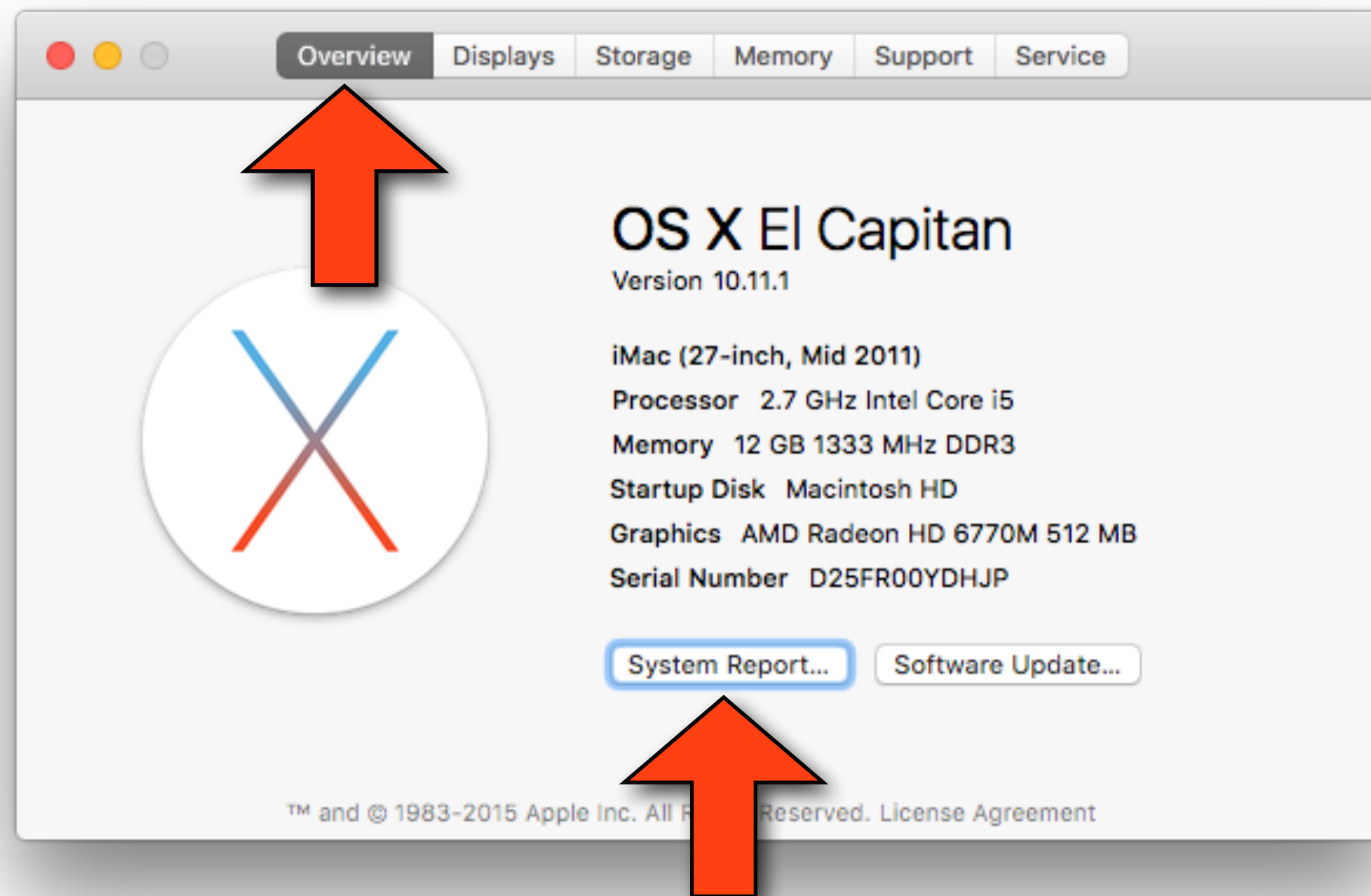
- The Magic Trackpad 2 (\$130) has a surface that is 29 percent larger than the previous model.
- Force Touch gives the new trackpad additional capabilities, performing a variety of different actions with a deeper press.
- The Magic Trackpad 2, unlike the mouse and keyboard, requires a Bluetooth 4.0-enabled Mac as a system requirement
- My 2011 iMac was NOT compatible, so check before upgrading

Bluetooth version



- Click the Apple logo in the menu bar, and select “About this Mac”
- Next click on “System Report,” select “Hardware” underneath Bluetooth and look for the “LMP Version”
- If it says 0x6, it means you’ve Bluetooth 4 on your Mac and the Trackpad 2 will work without issues.
- If it says 0x4, it has an older version of Bluetooth.

Checking for Bluetooth 4.0

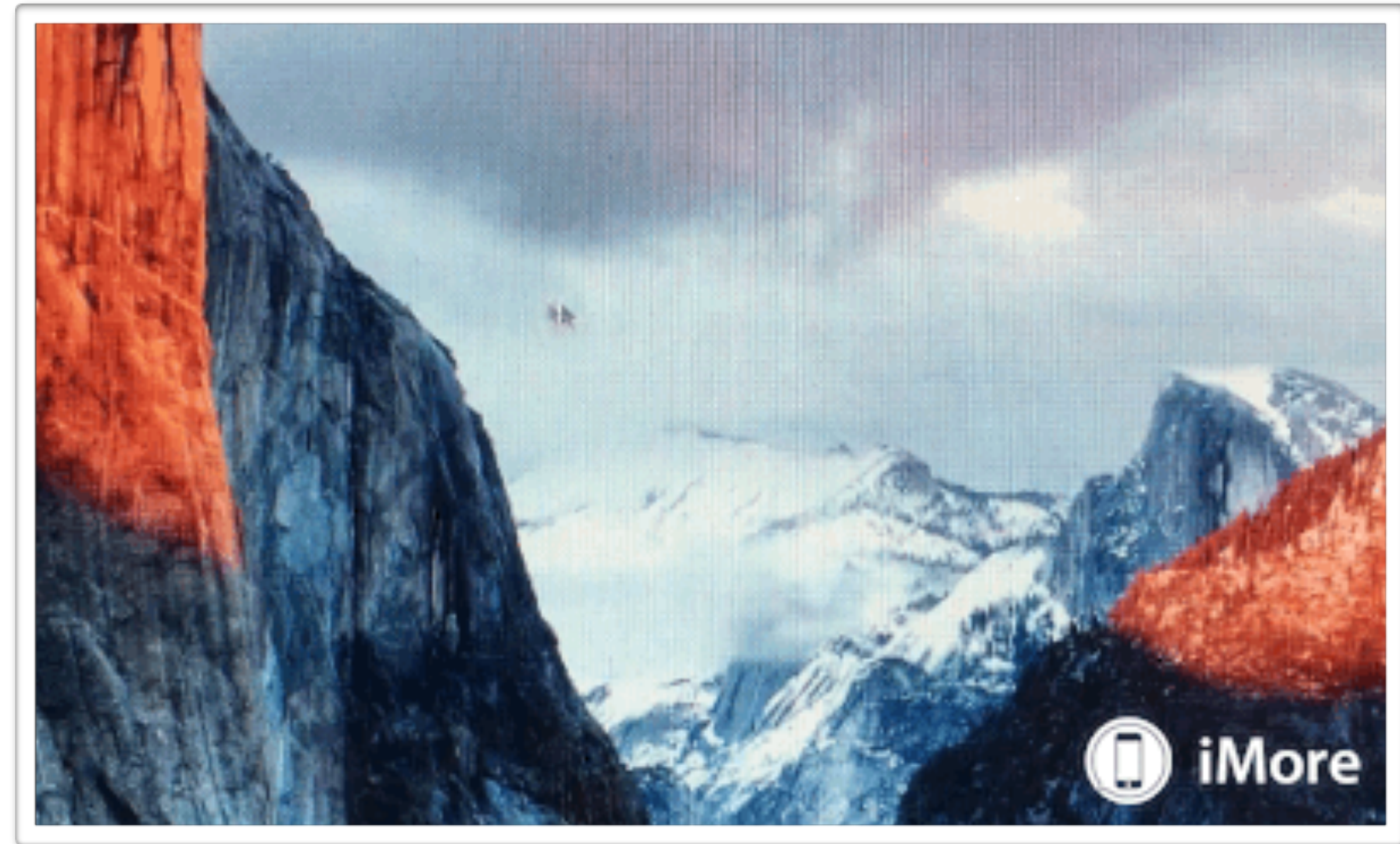




Find My Cursor

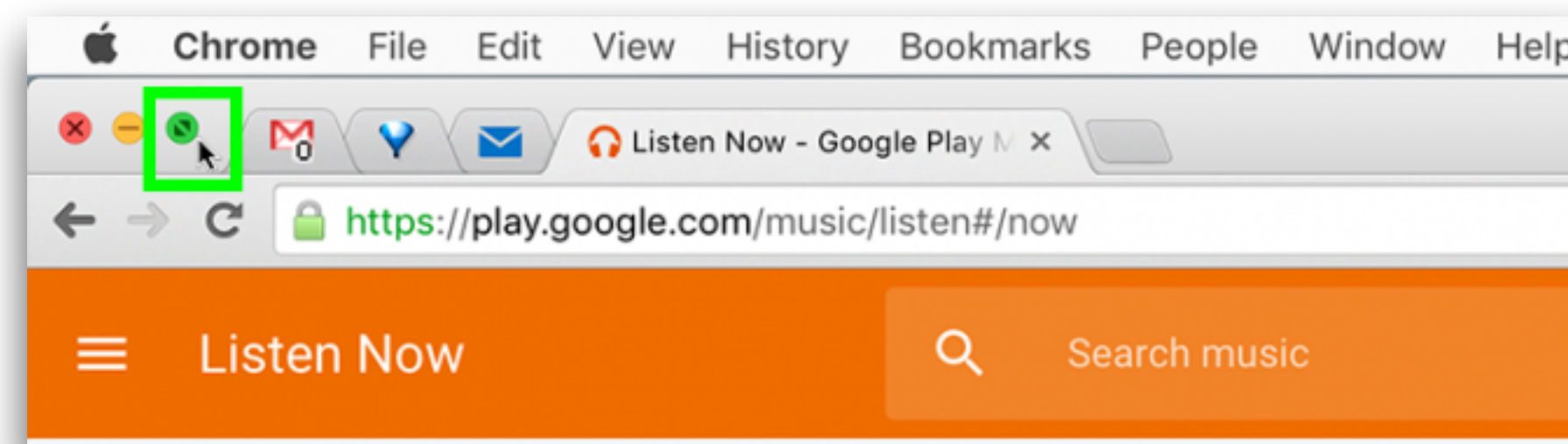


- Have you ever stared at your screen and not been able to find the cursor?
- So you rapidly shake your mouse or swiped across our trackpads in hopes the movement would draw our eyes to the cursor.
- El Capitan makes sure you won't miss it by enlarging the cursor until it's impossible to miss.

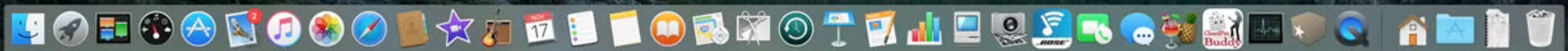


Split Screen Feature

- Like iOS 9, you can have two apps running full screen in the same window (ex: Mail/Contacts)
- The easiest way to do this is to:
 - Make both apps full screen by tapping the green “Maximize button”
 - Go to Mission Control and drag and drop one app on top of the other

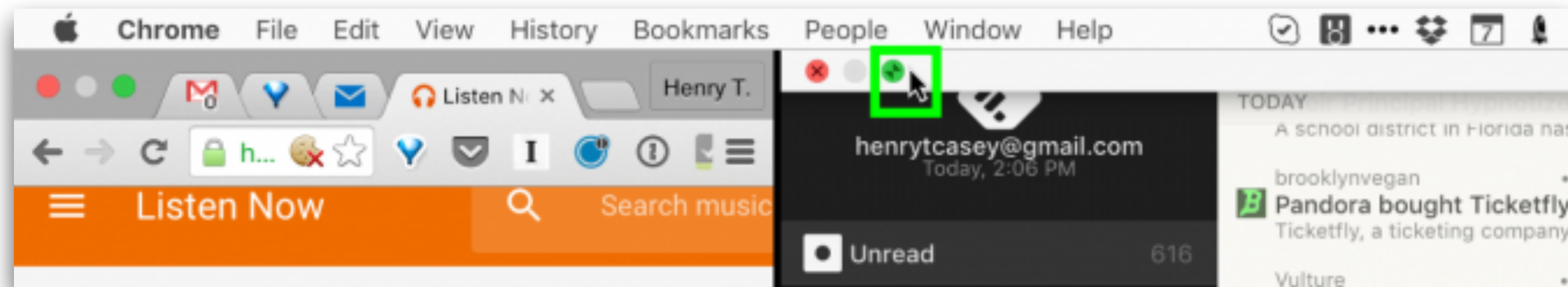


Split Screen Demo



Split Screen Feature

- To stop split screen:
 - Tap the green window button on either app or...
 - Go to mission control and hover over the split screen window and tap the circle icon.

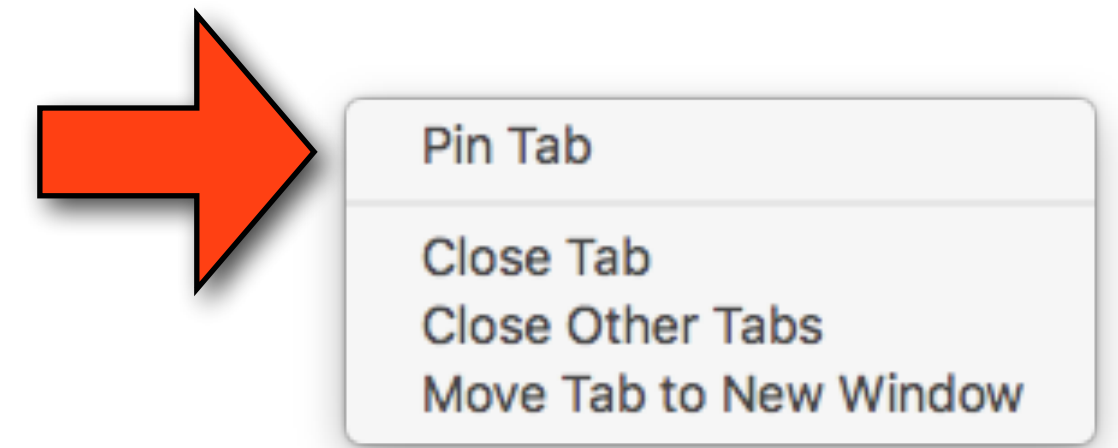




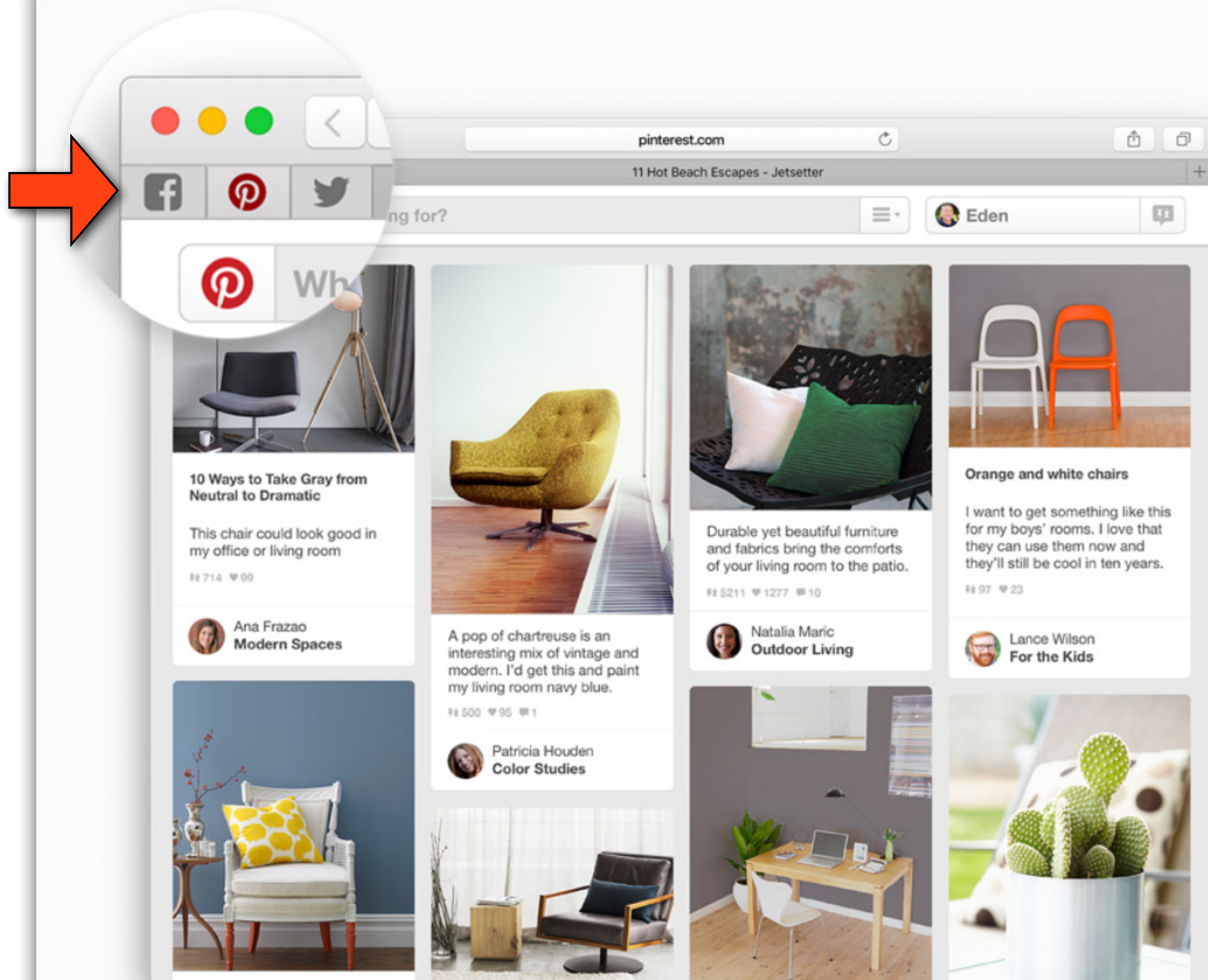
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10 items
- Music
9 items
- How to Remove
Malware from Mac.pdf
- Screen Shot
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334 x 176
- Screen Shot
2015-10-0...9:57:54 AM
416 x 162
- Screen Shot
2015-10-0...9:59:18 AM
932 x 271
- Screen Shot
2015-10-0...9:58:56 AM
2,560 x 1,440
- Screen Shot
2015-10-0...9:58:27 AM
2,560 x 1,440
- Split Screen Part 2

Split Screen Demo

Pinned Tabs



- Safari now allows you to pin your favorite web sites so that they are always available.
- Pin a web page either by grabbing its tab and dragging left until it gets compacted down or...
- Right-click a tab and select “Pin Tab”.
- In either case, the page gets its own, small, icon-identifiable, rearrangeable tab on the left that is there every time you open Safari
- I pin Facebook and Google on my computer



iOS



WiFi Calling

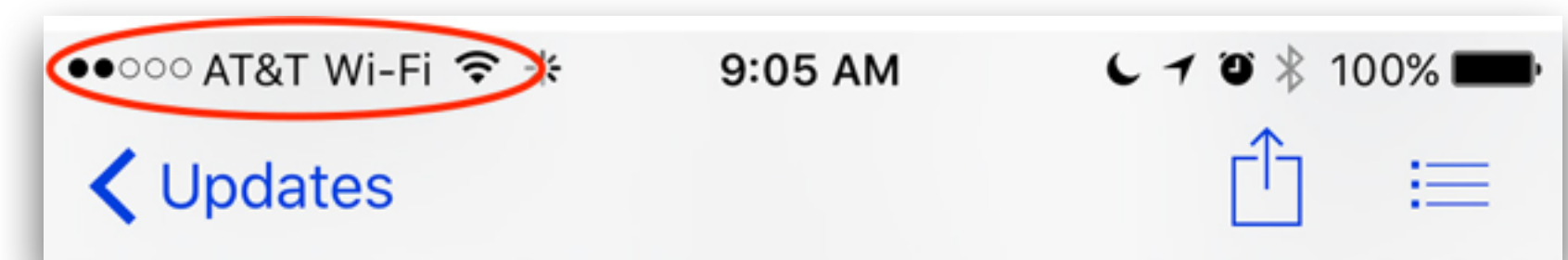
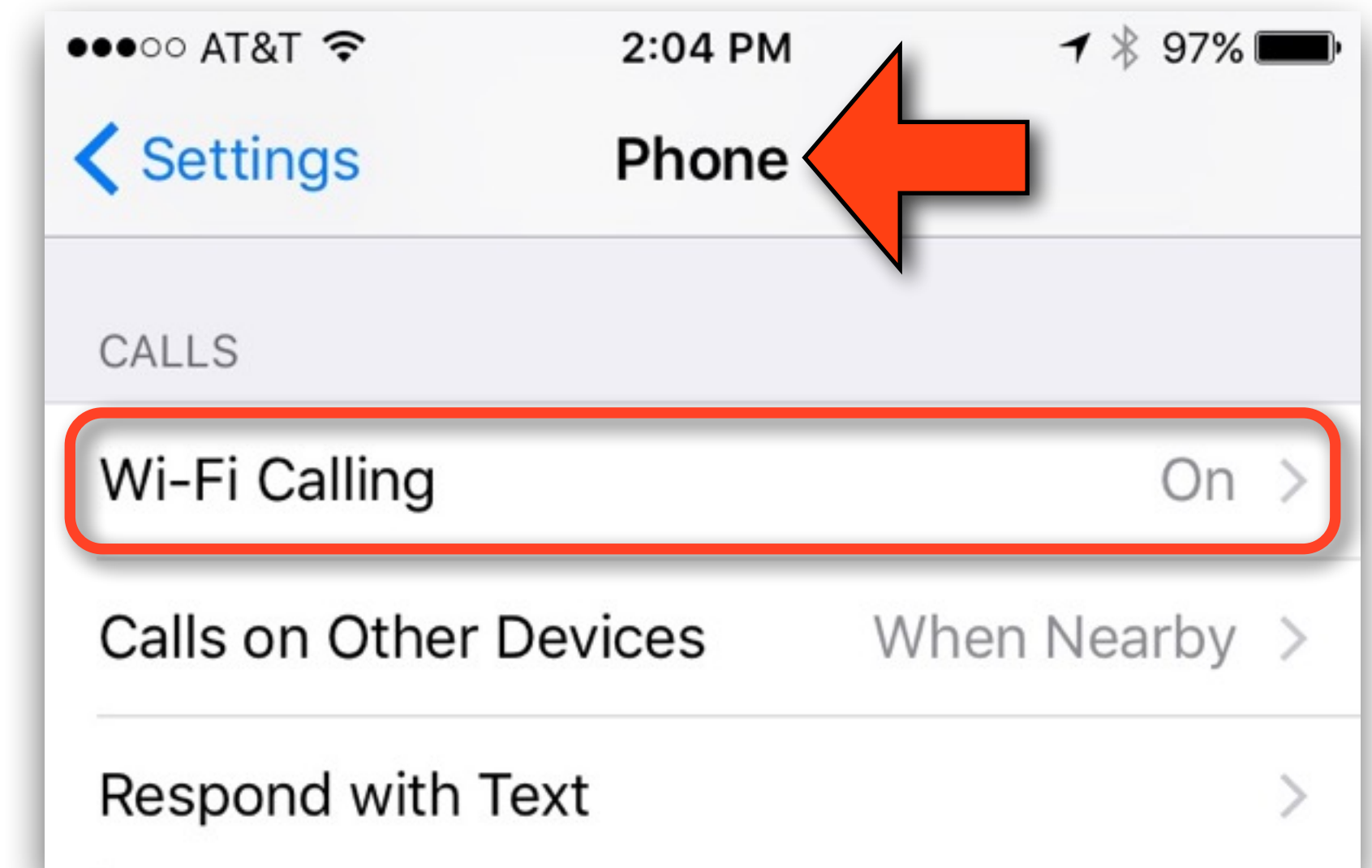


- AT&T, Sprint, and T-Mobile have all enabled WiFi calling (for iPhone 5C or later).
- With WiFi Calling, switches between Cellular and “Cellular over WiFi” based on the relative signal strengths.
- So if your cellular signal is weak it will switch automatically to “Cellular over WiFi”, and will switch back automatically when the signal is strong again. All transparent to you.
- This is not to be confused with WiFi Assist , which is the opposite. WiFi Assist automatically switches your WiFi to cellular if you have poor a Wi-Fi connection. If you enable this, you have to be careful you don’t run over your cellular plan.
- Because of this I suggest turning WiFi Assist: Off and WiFi Calling: On.

WiFi Calling



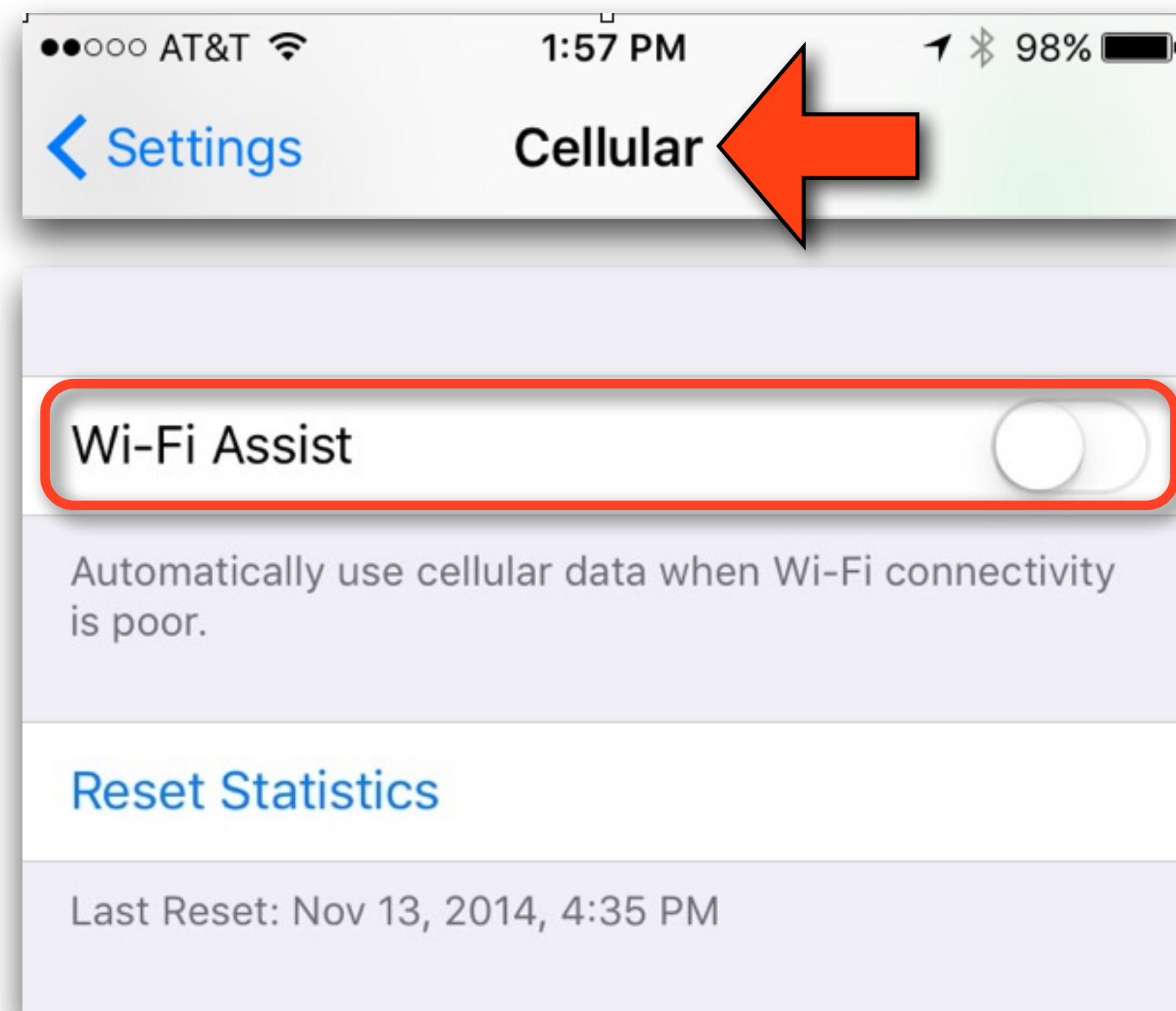
- To enable Wi-Fi calling on your iPhone, go to Settings > Phone > Wi-Fi Calling and switch it to On
- You can tell when you're using “Cellular over Wi-Fi” because “AT&T” will be replaced with “AT&T Wi-Fi” in the status bar next to the signal strength dots



WiFi Assist



- To disable Wi-Fi Assist on your iPhone, go to Settings > Cellular > and go to the bottom of the screen to turn it Off



Live Photos



- The iPhone 6s and 6s+ have a new feature called “Live Photos”.
- A Live Photo combines a three-second movie with a still picture.
- It grabs up to 1.5 seconds of video before and 1.5 seconds of video after you take the picture.
- The camera app automatically starts recording the moment you open the app. Then, after you tap the shutter button, it saves only 1.5 seconds beforehand and discards the rest.

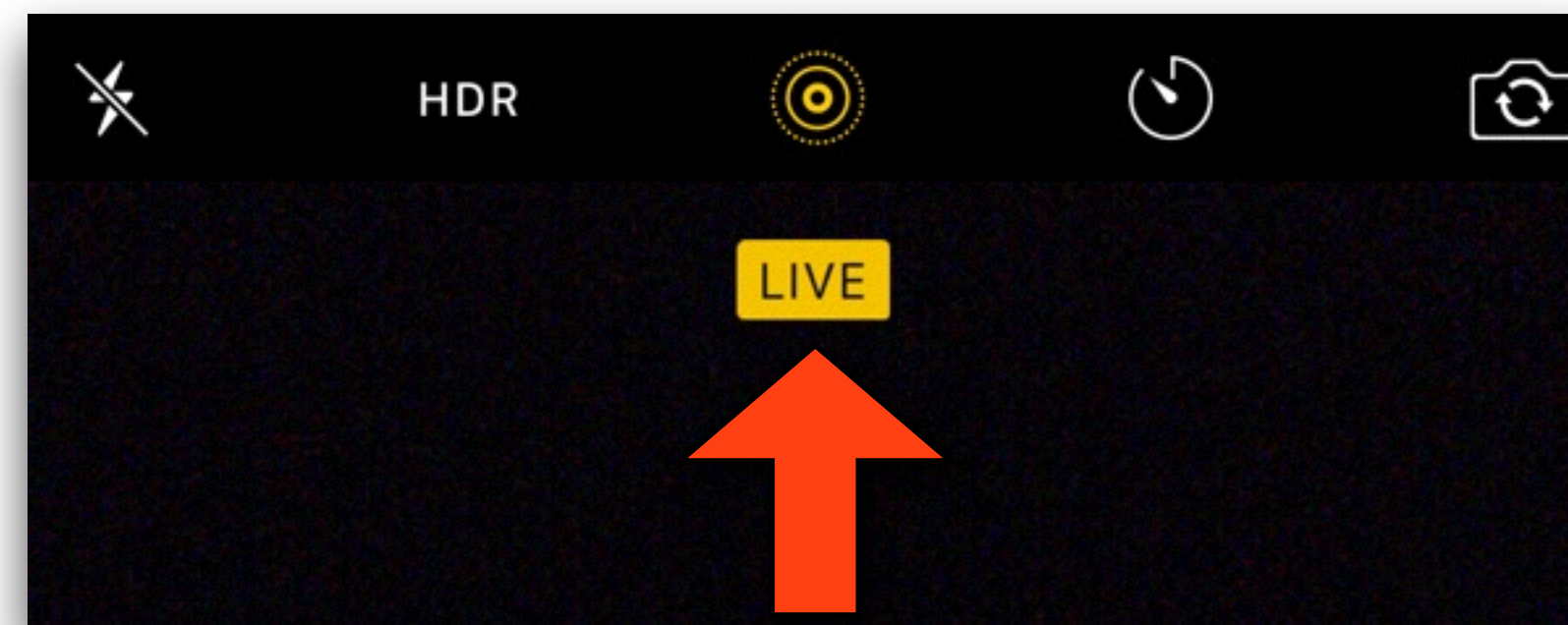
Live Photo Example



Taking Live Photos



- In the Camera app, tap the Live Photos icon in the center-top of the screen between HDR and the timer. It looks like a set of concentric circles.
- Live Photos is on when the icon is highlighted in yellow.
- The word "Live" will also appear at the top of the screen. This label will remain on until 1.5 seconds after you tap the shutter button. It signifies that the video recording is complete.



Live Photos



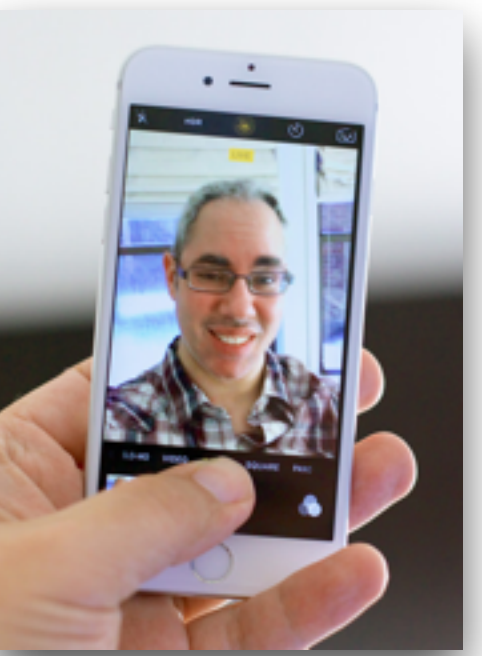
- Keep in mind when taking a Live Photo that the app is already recording beforehand.
- So, you don't want to jerk your iPhone around right before taking a picture. Instead, make sure you have a steady hand just before your shot and don't immediately put your device down right afterward, either. The camera will be recording for just a couple more seconds.
- The iPhone's software automatically senses if the phone is being raised or lowered during the 1.5 seconds of video before or after a Live Photo is taken, and omits any video taken during that time. The feature results in potentially shorter Live Photo videos, but keeps the final product looking good by not including blurry footage taken by an iPhone in motion.
- Live Photos also records audio, so keep that in mind when taking a picture

Live Photos



- To View Live Photos on older iPhones and iPads running iOS 9:
 - Simply touch and hold the screen while the video plays.
- To View Live Photos on Macs running El Capitan:
 - Live Photos can only be viewed in Apple's Photos app.
 - So, if you receive a Live Photo through AirDrop or something, you must first import it to the Photos app on Mac to view it.
 - The Live Photo will play when you click on it.

Live Photos

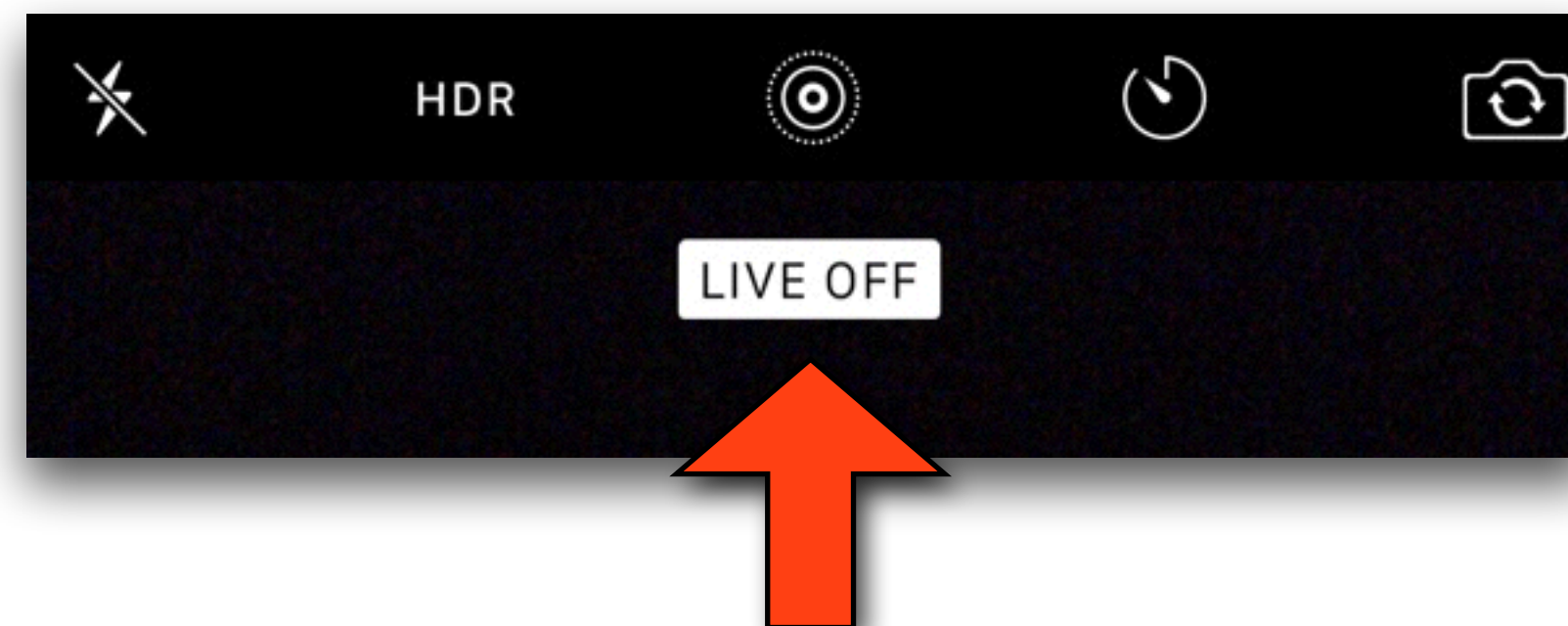


- You can not edit a Live Photo, even if the best part of the video may have taken place during the 1.5 seconds before or after you tapped the shutter
- You can edit the JPEG that was taken as part of the Live Photo in the Photos app, just like any other image. However, this will turn off the live portion of the photo entirely.
- If you do decide to edit the JPEG of a Live Photo and decide you want the entire file back, tap the Edit button with the photo selected. Then, tap the Live Photo icon in the upper left corner to revert the image to its original form.

Live Photos

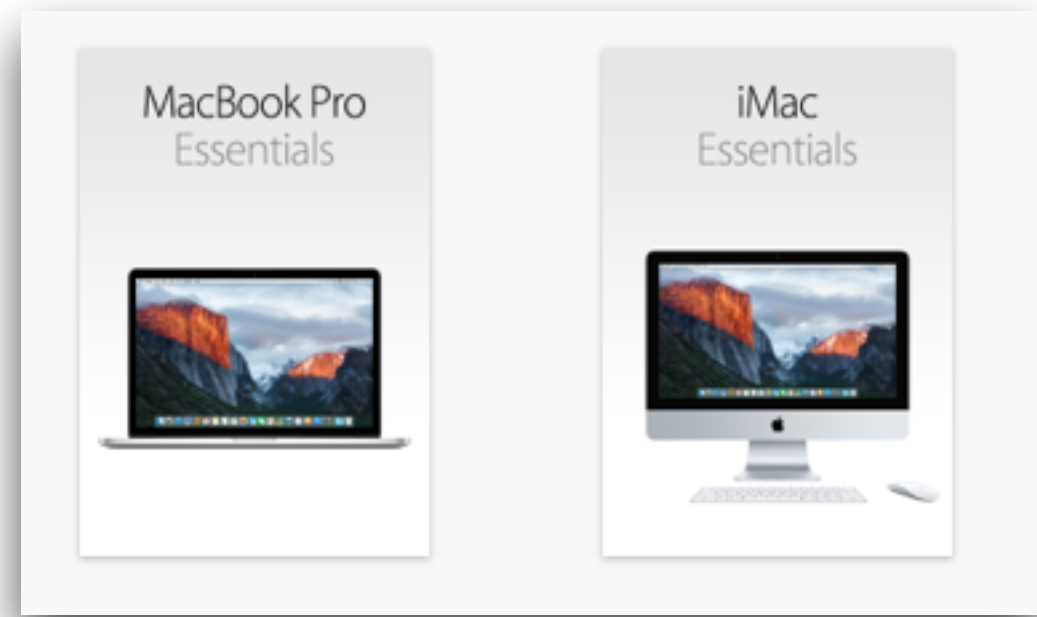


- You probably don't want to keep Live Photos on at all times, as Live Photos roughly doubles the file size for each photo.
- Only have Live Photos on when you intend to use it.
- To disable Live Photos, simply tap on the icon (the one that looks like concentric circles) at the top-center of the camera app. Live Photos is off when the icon is no longer highlighted in yellow.

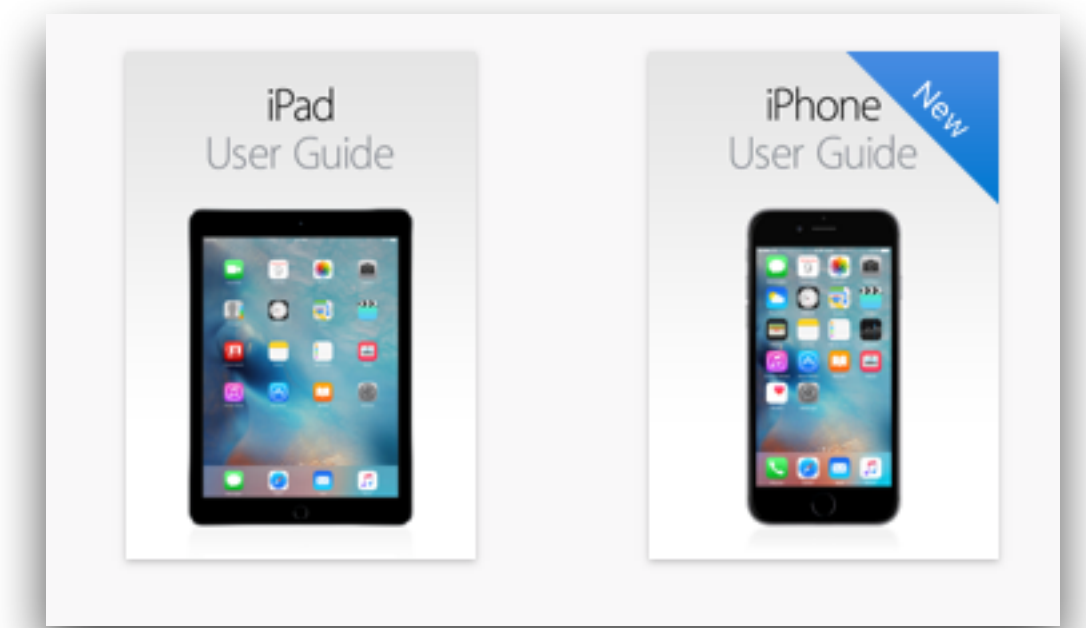


Quick Tips





Apple Manuals



- Apple has many free manuals for it's hardware in iBooks
- iPad, iPhone User Guides
- iMac, MacBook Pro, MacBook, and MacBook Air Essentials
- Apple TV User Guide
- Apple Watch User Guide

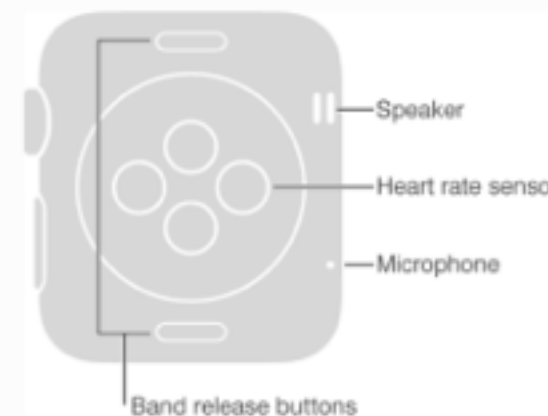


Get Started



A quick look at Apple Watch

This guide describes Apple Watch with watchOS 2.



You use several basic gestures to interact with Apple Watch.



Set up and pair with iPhone

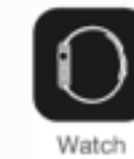
Setup assistants on iPhone and Apple Watch work together to help you pair and set up Apple Watch.

If you have difficulty seeing Apple Watch or iPhone, VoiceOver or Zoom can help—even during setup. See [Set up Apple Watch using VoiceOver](#) or [Zoom](#).

⚠ WARNING: To avoid injury, read [Important safety information](#) before using Apple Watch.

Put Apple Watch on your wrist. Adjust the band so Apple Watch fits closely but comfortably on your wrist. For information about resizing or changing the band on Apple Watch, see [Remove, change, and fasten bands](#).

Set up and pair. Press and hold the side button on Apple Watch until you see the Apple logo. While Apple Watch is starting up, open the Apple Watch app on iPhone.



When Apple Watch finishes starting up, tap to choose your language, then follow the onscreen instructions. When prompted, position iPhone so that Apple Watch appears in the camera viewfinder on iPhone. This pairs the two devices.

Apple Watch Manual

Downloading Software

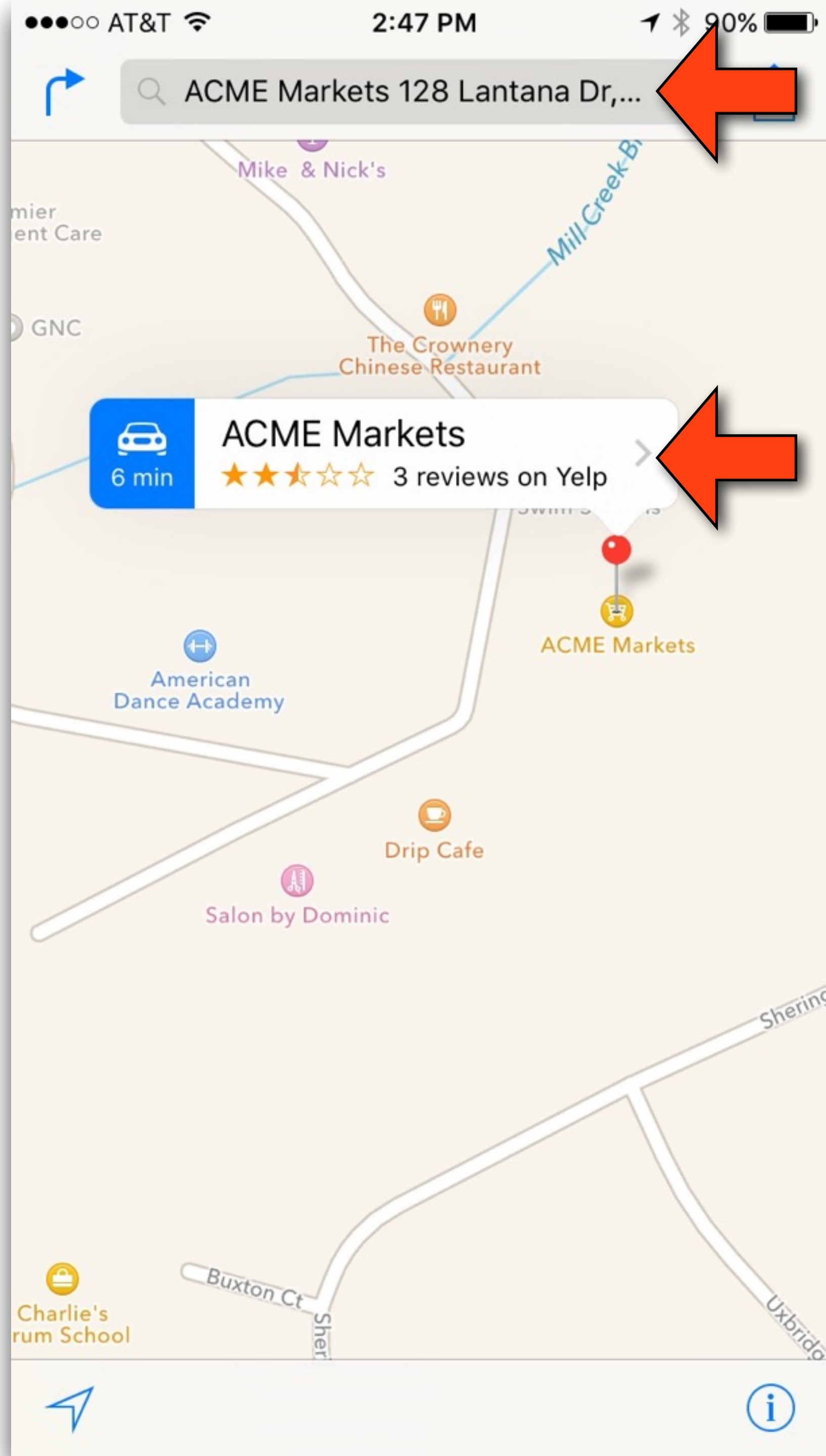


- If you need to download software for your Mac, use the Mac App Store.
- If you can't find it in the Mac App store, go to the developer's own web site. Never download the software from a third party.
- Third parties often wrap software in an installer that contains adware, trial ware, or other unwanted software/malware. PUPs: Potentially Unwanted Programs
- For example, if you want Skype, go to skype.com (Which is a Microsoft site).

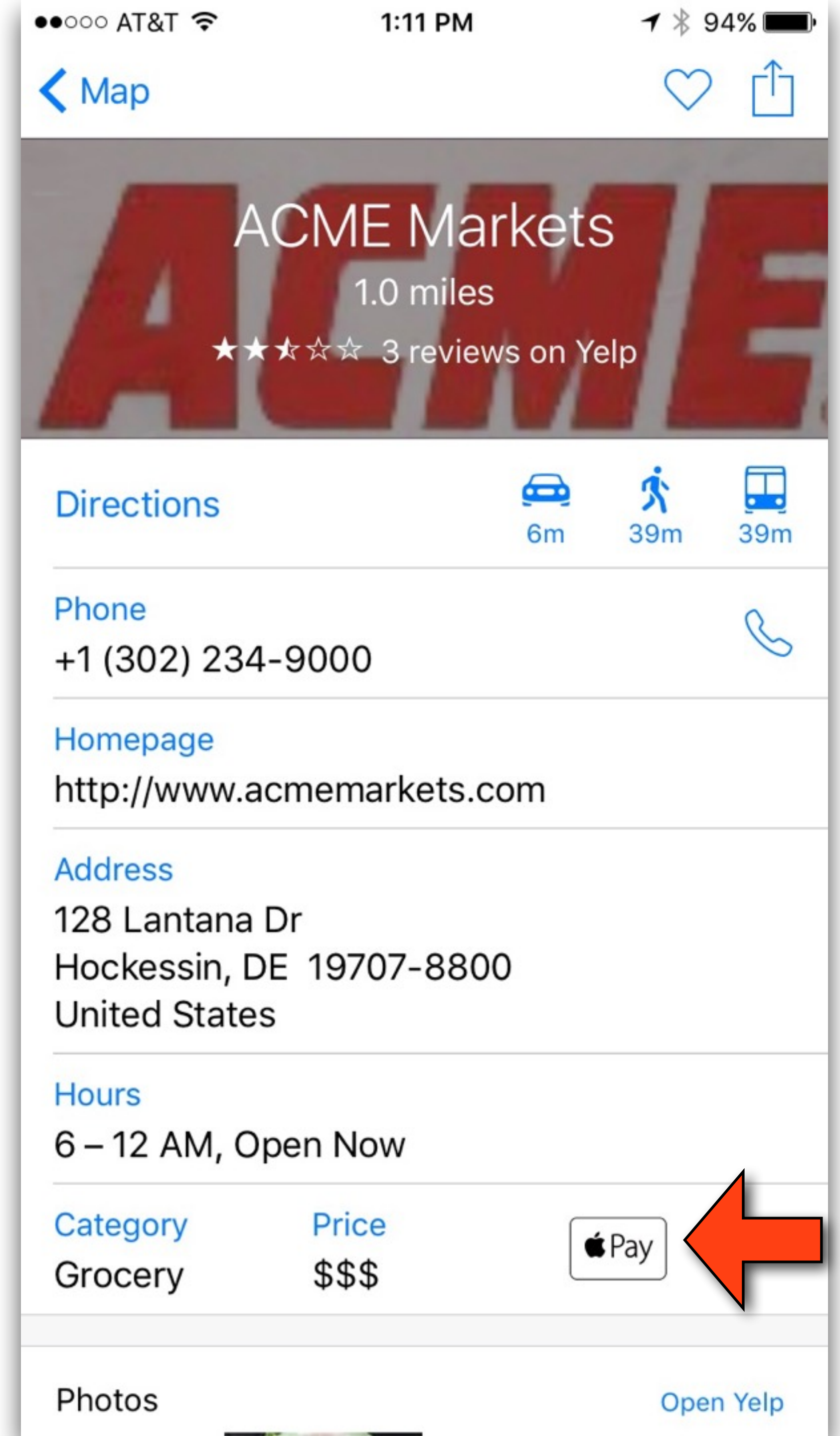


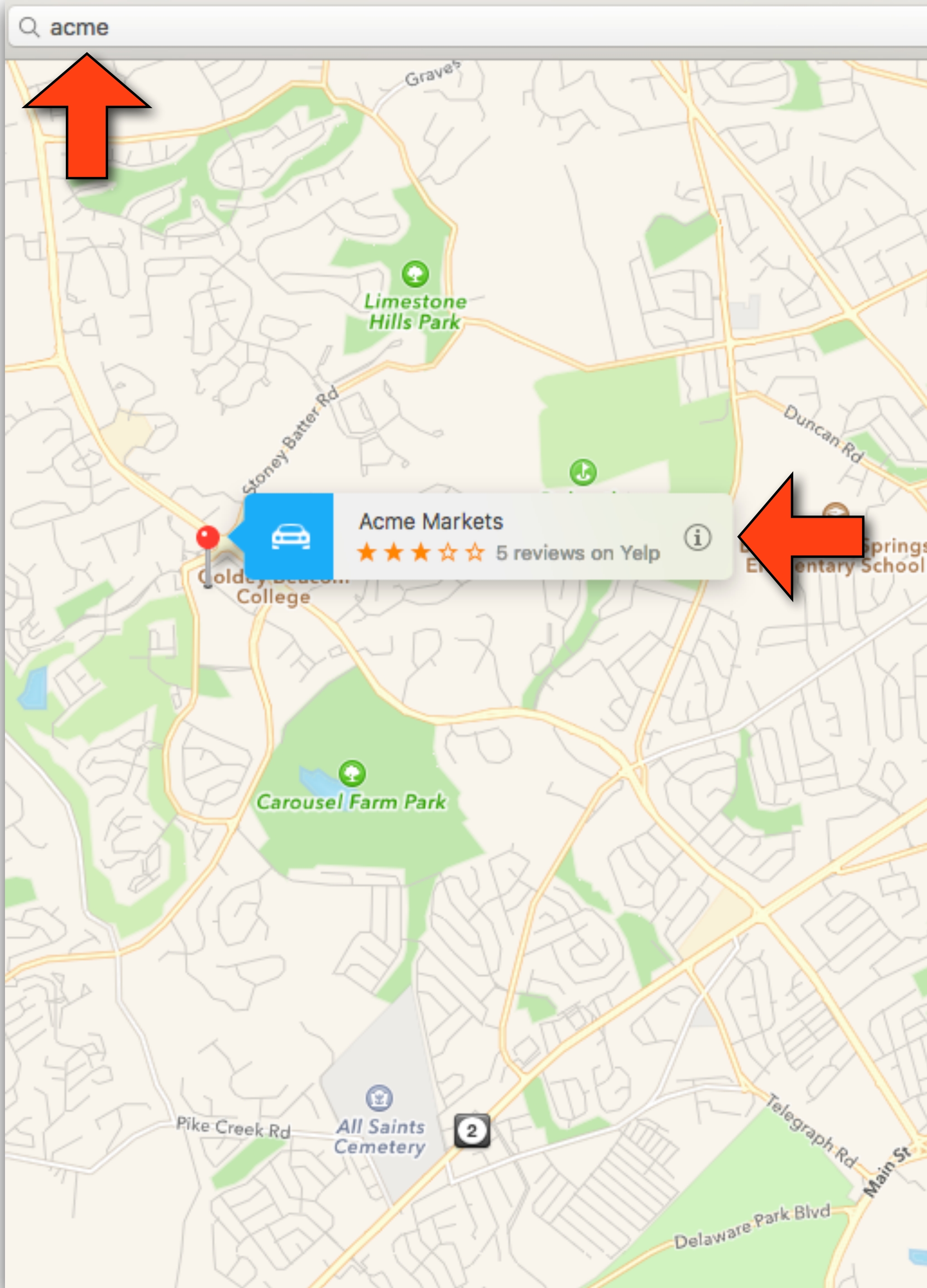
- How to tell if a retail store accepts Apple Pay
 - Go to the Maps app in iOS or on the Mac
 - Search for the store
 - Click on the store for more information
 - Look for the Apple Pay insignia



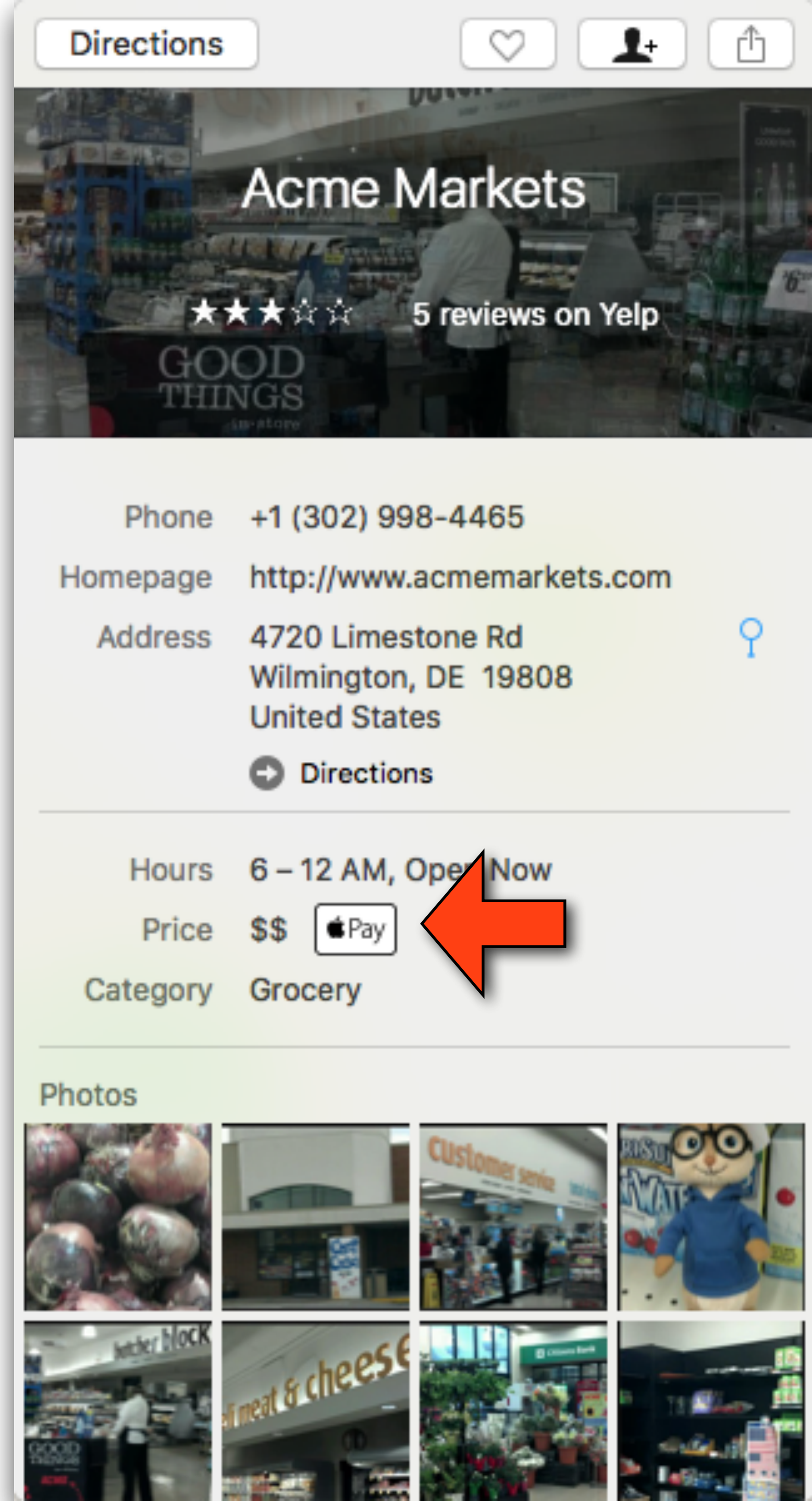


Apple Pay
iOS





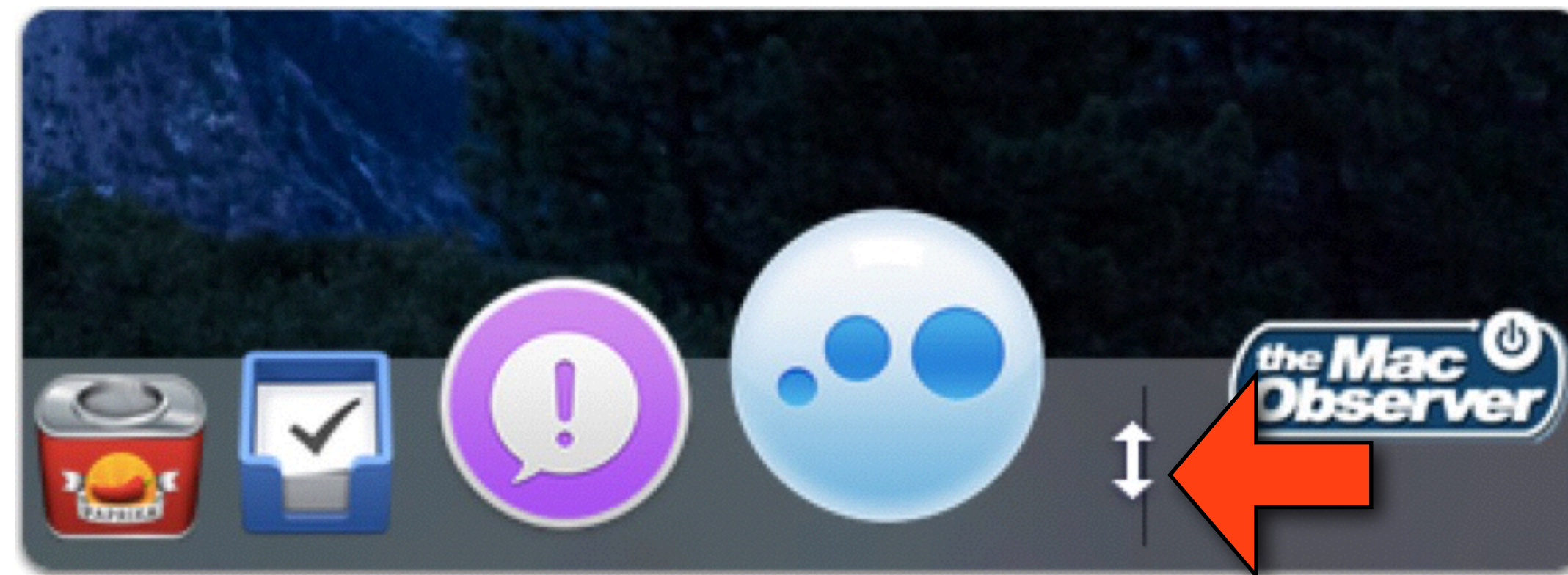
Apple Pay
MAC



Dock Tips



- There is a little line that's visible on the right side of your Dock that separates your folder and file shortcuts from your apps.
- If you hover over it, your cursor will switch to a double-sided arrow. When you see that, just click and drag up and down to adjust the Dock's size.



Dock Tips



- Right-clicking on the line will get you a quick shortcut menu for the most commonly used Dock settings.
- For example, you can jump right into System Preferences > Dock by choosing that bottom option.

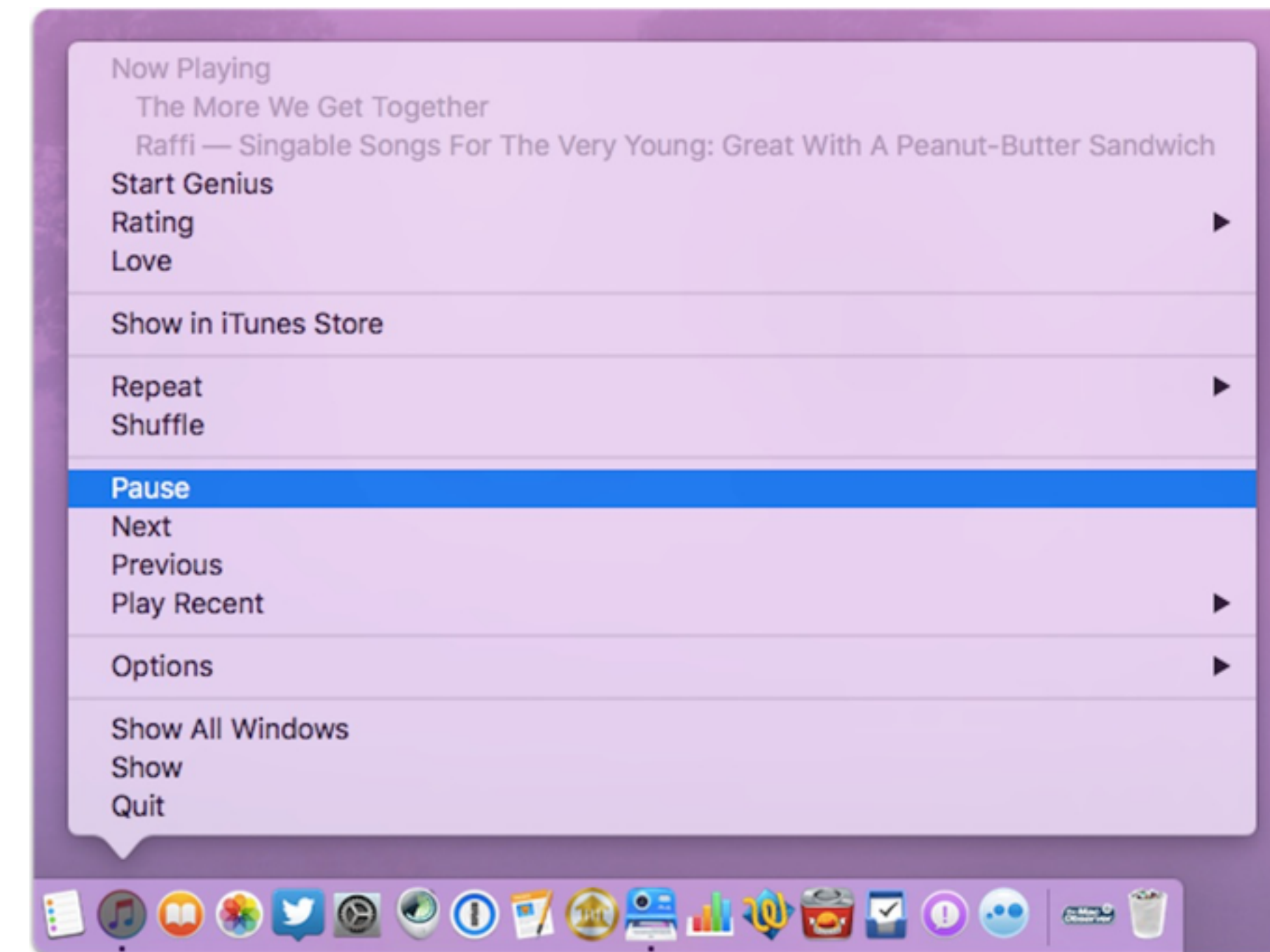
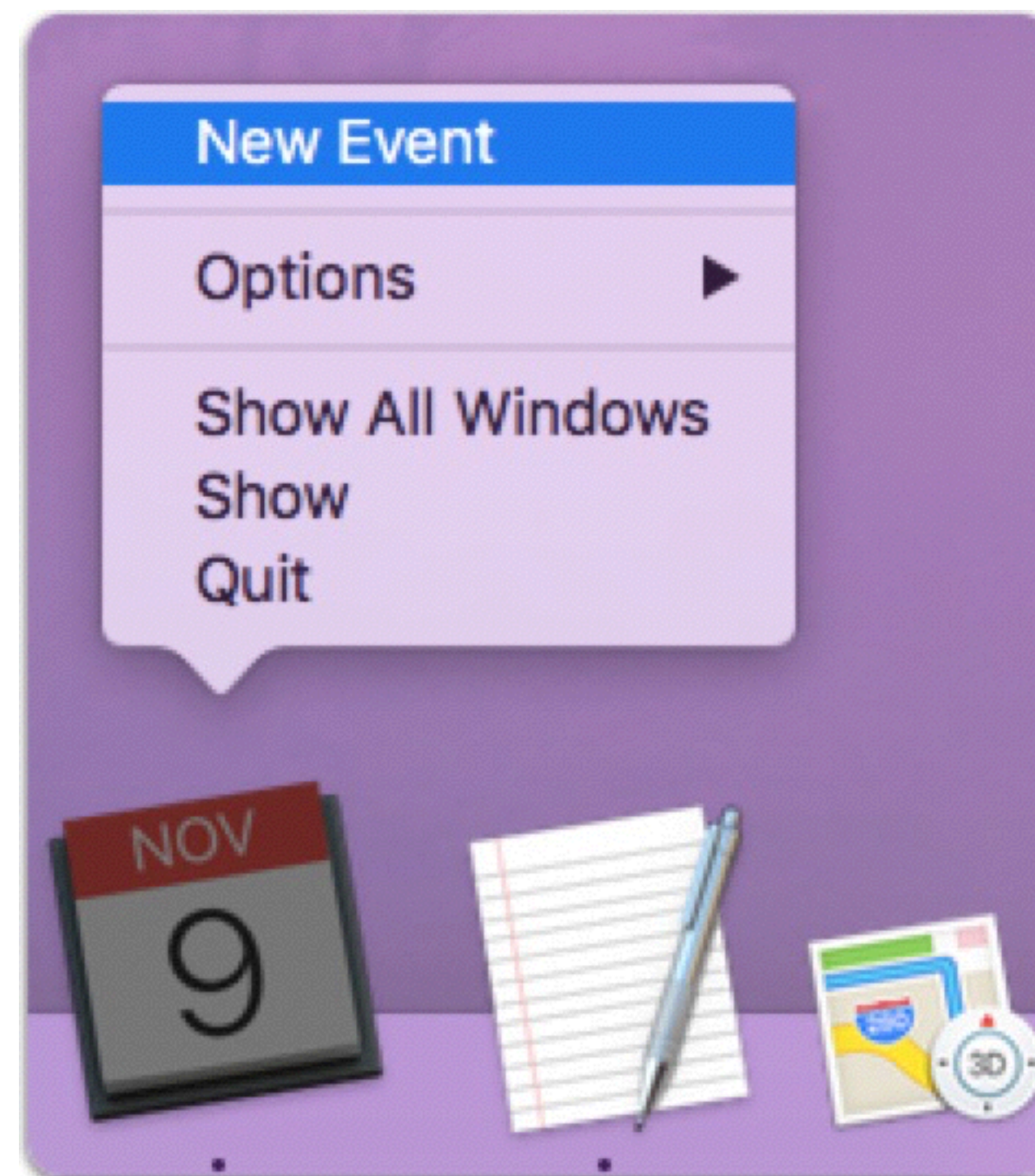
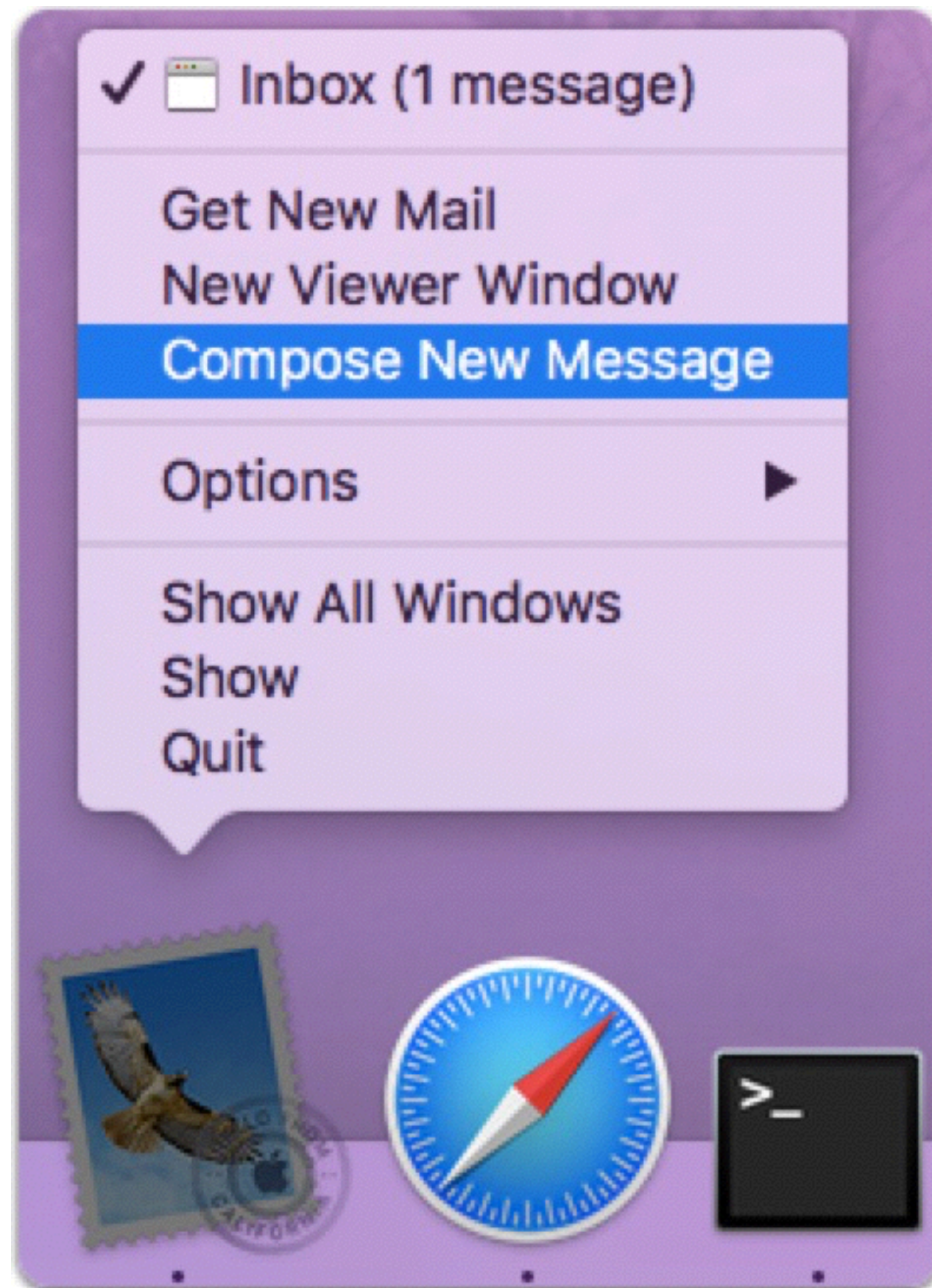


Dock Tips



- Finally, if you right-click on a running program's icon, you can often tell that app to do things without having to actually switch to it first. For example:
 - ...you can compose a new Mail message...
 - ...create a new Calendar event...
 - ...or see what song is playing in iTunes and pause or skip it.

Dock Tips





Your Questions



Question

- Hi Doug. Do you recommend using Keychain to keep track of user names, passwords, credit card info, etc?
- I now (finally!) have a 13" MacBook Pro retina on order, and soon will have the MacBook Pro, iPhone 6 and iPad Air 2. Looking for a tool to help manage passwords .. across my apple devices.

KeyChain



- Keychain is password management system developed by Apple.
- iCloud Keychain is available OS X v10.9 or later, or iOS 7.0.3 or later.
- Keychain keeps the following account information up to date across your Macs and iOS devices:
 - Website account names and passwords
 - Credit card numbers and expiration dates
 - Wi-Fi network names and password
- Passwords and credit card information are encrypted in your OS X keychain and your iCloud Keychain.

KeyChain



- Keychain will also optionally generate secure Safari-based passwords
- Note: There may be times when a website doesn't allow autofill (for example, a site may be coded to specifically block autofill).
- On a Mac, Keychain is in the Utility folder in the Applications folder. To open Keychain, you will need your administrator password.
- However, I recommend strongly that you stay out of this unless you know exactly what you are doing.

Setting up KeyChain

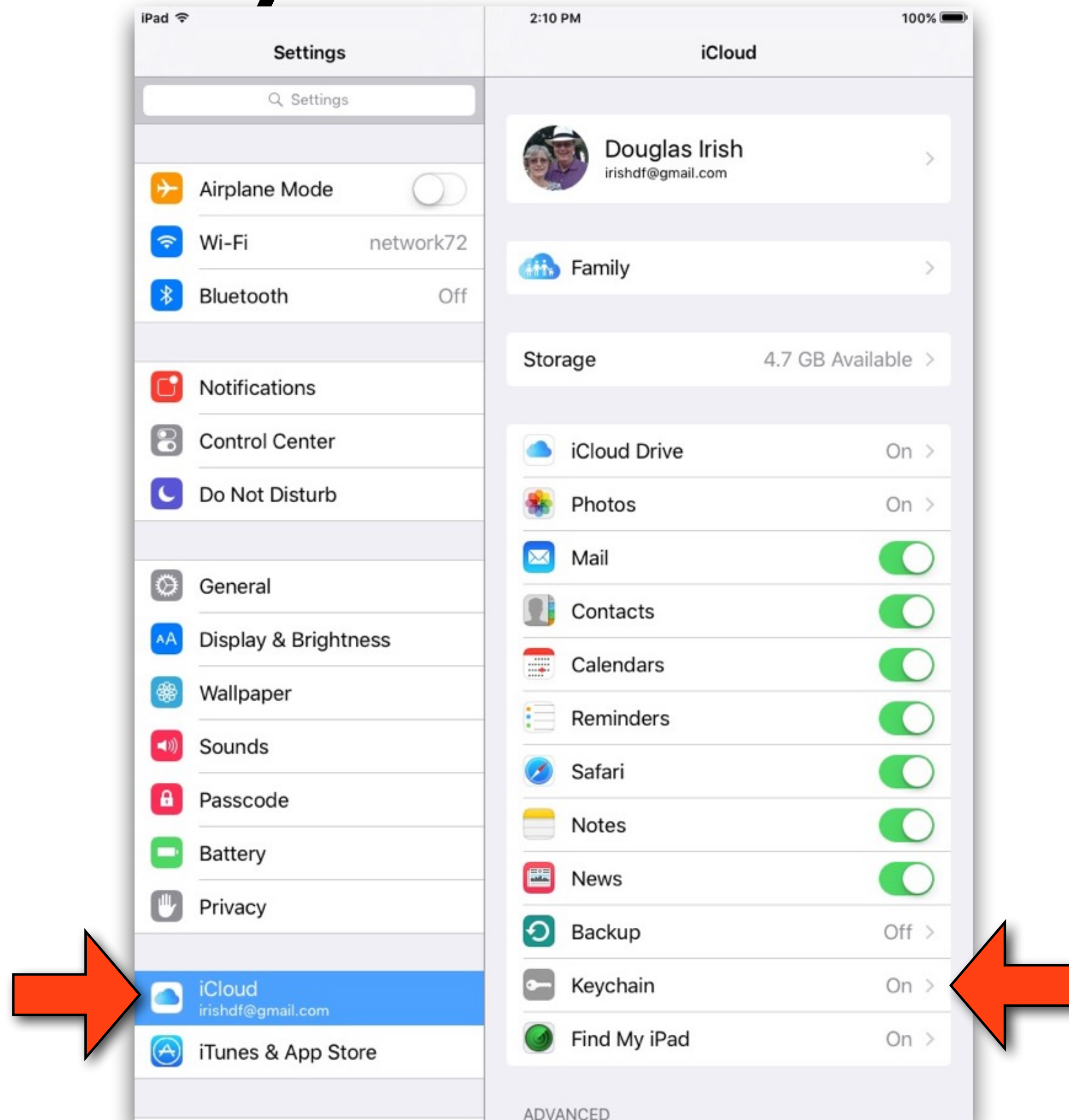


- On your Mac:
 - In System Preferences, click iCloud.
 - Turn on Keychain, then follow the onscreen instructions.
- On your iOS device:
 - In Settings, tap on iCloud.
 - Tap on Keychain.
 - Toggle iCloud Keychain to On, then follow the onscreen instructions.

KeyChain - Mac



KeyChain - iOS



KeyChain



- To view your passwords on an iOS device:
 - Settings>Safari>Passwords
 - You need to enter your passcode to view
 - !!Do not enable iCloud KeyChain without a passcode on your device!! or else anyone who picks up your device can see all your passwords.
- To view your passwords on a Mac:
 - Safari Preferences>Passwords tab
 - You'll need your administrator password



Any Questions?



Merry Christmas