

New Features in macOS Sierra and iOS 10

macOS Sierra

- Apple's newest operating system for the Mac was released on September 20, 2016.
- This release is version 10.12.
- This release changes the stylization of the operating system's name: Mac OS X becomes macOS, matching iOS, tvOS and watchOS.



Siri Comes to the Mac

- macOS Sierra brings Siri, the personal assistant found on iOS devices, the Apple Watch, and Apple TV, to the Macintosh.
- By default, Siri has an icon in the menu bar, the dock, and a keyboard shortcut: Command + Space. This is the same shortcut used for Spotlight, however these keys are held down to invoke Siri instead of the press-and-release used to invoke Spotlight.



To activate Siri, click this icon in the Dock or menubar, press and hold Cmd+Space, or open Siri from Applications.

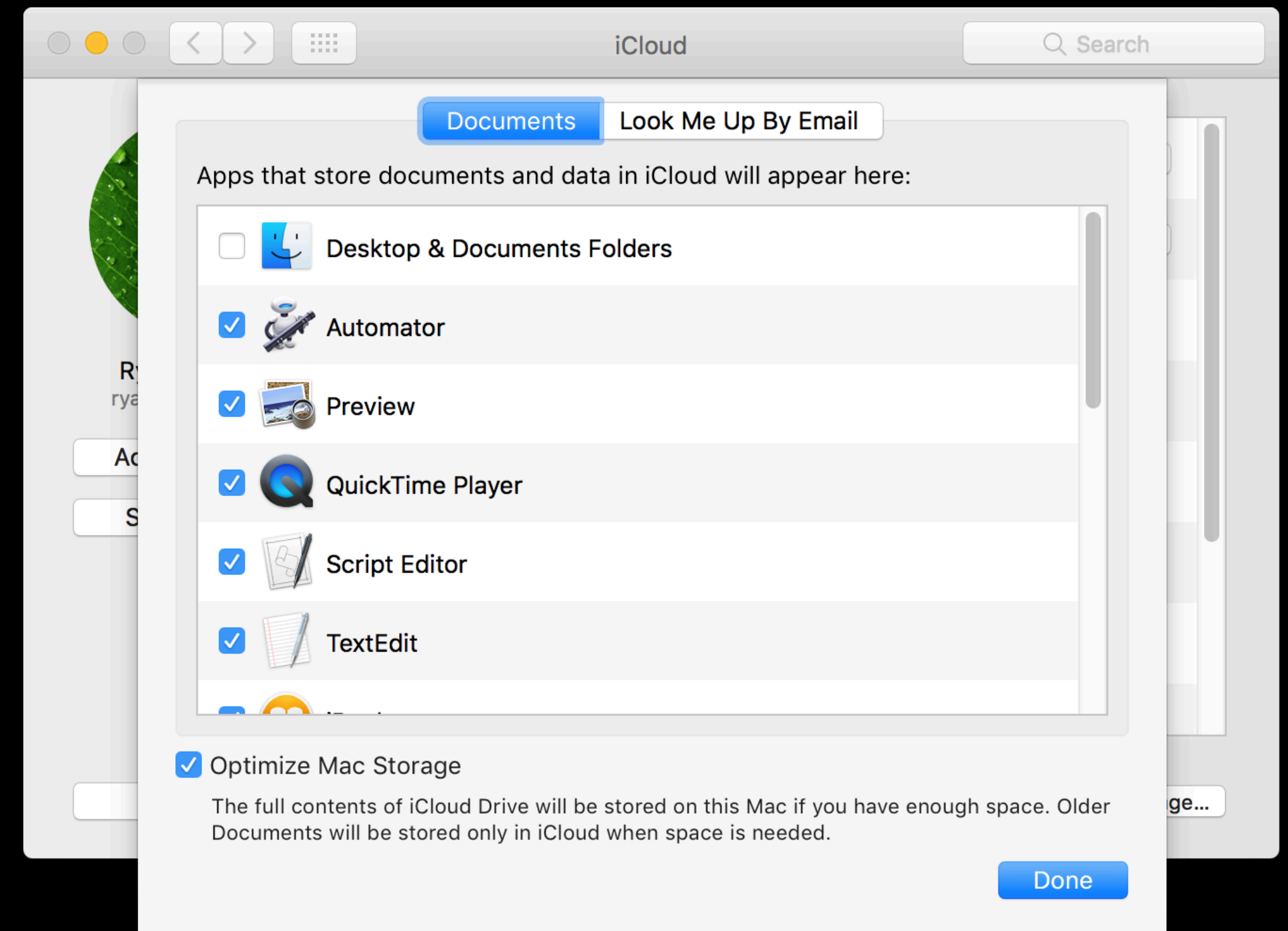
Siri on Mac

- Siri can respond to most of the same commands and instructions that work on the iPhone or Apple Watch, but there are some commands specific to Mac.
- For a full list, activate Siri and ask *“What can I say?”*
- Some Siri responses will have a small + in the upper-right corner. These responses can be pinned to the Today screen by touching that symbol.

Siri Demo

iCloud Desktop and Documents

- macOS Sierra now allows you to synchronize your local Desktop and Documents folders with iCloud Drive, so that these folders stay in sync across all your devices.
- This feature can create a lot of network traffic if you have a metered internet connection (cellular hotspot, satellite, etc.). You also must have enough space on your iCloud Drive to store the contents of these folders.
- Sort of an “iCloud Photo Library” for your documents.



Tabbed User Interface

- macOS Sierra brings tabs (previously in Safari and Finder) to almost all applications on the Mac.
- You can combine multiple windows into tabs via the *Window* menu.
- To break tabs back out into their own windows, drag a tab off the window to tear it away or use *Window > Open Tab in New Window*.
- While macOS Sierra tries to implement this feature in all applications, it doesn't work everywhere. I could not get tabs to work in Microsoft Office applications.

Continuity Enhancements

- Changes to Continuity (the interaction between iOS and macOS devices) now allow a universal clipboard to be shared between the Mac and iOS devices running iOS 10.
- This feature is automatically active. To use it, simply copy something from your Mac and paste it on your iOS device, or vice-versa.
- The Universal Clipboard works across all devices signed into the same Apple ID on the same local network and exists for two minutes after each copy operation.

Messages

- Messages gains a some new features, including rich link previews and “Tapback.”
- We’ll cover these new Messages features in the iOS 10 section.



Image: Apple, Inc.

Apple Pay in Safari

- macOS Sierra allows you to pay for purchases using Apple Pay in the Safari browser.
- Sites must be programmed to support Apple Pay.
- To complete the purchase, you can use Touch ID on your iPhone or use your Apple Watch to approve the charge.

Tabs and Universal Clipboard Demo

Should I Upgrade?

- macOS Sierra is a free upgrade for supported Macs.
- There are few radical changes from El Capitan. Software compatibility is largely similar to that of El Capitan with a few exceptions.
 - ScanSnap software is not compatible with Sierra yet. If you use a ScanSnap scanner, do not update at this time.
 - For more application compatibility news check RoaringApps.com or MacInTouch.com.
- While Sierra is an easy upgrade, it is not possible to downgrade to a previous version of the operating system without reinstalling or restoring from a backup.
 - Make sure to create a backup before you upgrade!

macOS Sierra

Q & A

iOS 10

- The latest operating system for iPhone, iPad, and iPod touch was released on September 13, 2016.
- The new operating system includes a overhauled lock screen and Today screen, improved notifications, enhancements to Messages, and more.
- iOS 10 runs on iPhone 5 and newer; iPad 4th Generation, iPad Air, iPad Air 2, iPad Pro, and iPad mini 2 and newer; and iPod touch 6th Generation.

~~Slide to Unlock~~

- iOS 10 does away with the familiar “Slide to Unlock” gesture that has been a staple since the very first iPhone.
- Sliding the lock screen from left to right in iOS 10 will show you the Today screen. Sliding from right to left gives quick access to the Camera.
- Unlocking the phone is accomplished by pressing on the Home button now.
- If you use Touch ID you can also enable “Rest Finger to Unlock” in Accessibility settings.

Notifications

- Notifications have more functionality in iOS 10. When a banner notification appears, you can drag it down to open it and act on it immediately.
 - Respond to messages directly from notifications.
 - Snooze an Alarm or Reminder.
 - Archive an Email.

Messages

- Messages gains a host of new features and ways to interact.
- **Stickers:** Peel and stick to add some fun to your messages or your friend's messages.
- **Tapback:** Acknowledge a message with a reaction quickly and quietly.
- **Digital Touch:** Send scribbles or other odd animated messages.
- **Message Effects:** Revolutionizing being obnoxious with a cell phone.

Messages and Notifications Demo

Feature Parity

- The only devices that currently have full feature parity with iOS 10's new message effects are other iOS 10 devices. The iMessage system translates some of the features to older iOS devices, Macs, and even non-Apple phones.
- Tapback works on Macs running Sierra.
- Stickers can be seen on Macs running Sierra, but cannot be sent yet. They can be seen on all devices (including non-Apple) with reduced functionality.
- Digital Touch messages can be viewed on all iOS and Mac devices, but send to non-Apple devices as an image.
- Message Effects only work on iOS devices.

Should I Update?

- If you have a supported iOS device, there's little reason to hold back, but remember that iOS devices cannot be downgraded back to earlier versions of the operating system.
- As with any upgrade, make a backup first!

iOS 10

Q & A