

# WWDC 2016

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```

# New Venue

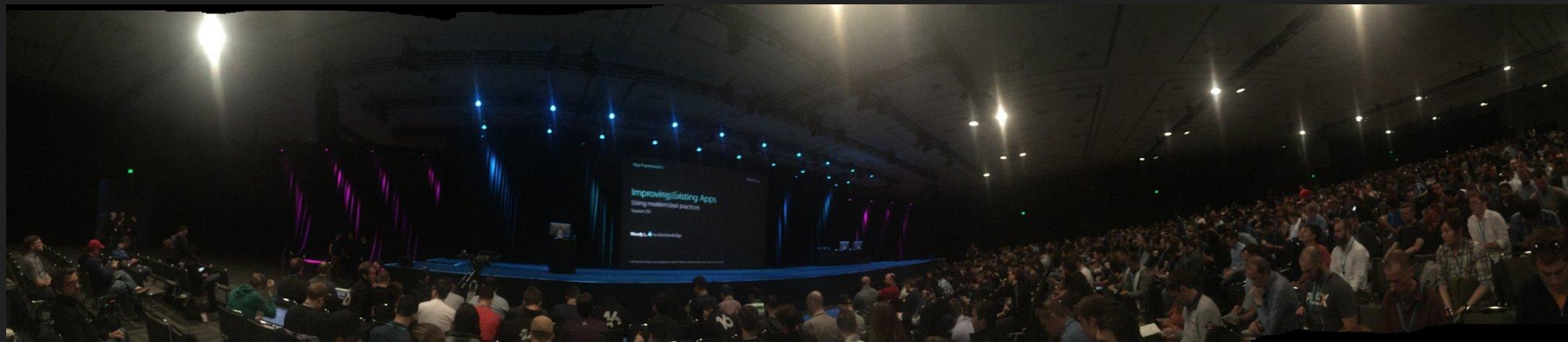


# Keynote





# Talks



# Labs



OS X is now macOS



# macOS

- macOS Sierra
- With continuity you can now unlock the Mac with iPhone or Watch
- Universal Clipboard
- Mirror Desktop across multiple Macs
- Apple pay on Mac with web integration
- Also... Siri



watchOS 3



Watch OS 3

# watchOS 3

- Wayyyy Faster (7 times according to Apple)
- New dock
- New Watch Faces(Minnie :S)
- Activity Sharing
- New Scribble responses( Add image)
- SceneKit
- SpriteKit
- CoreAudio
- GameKit



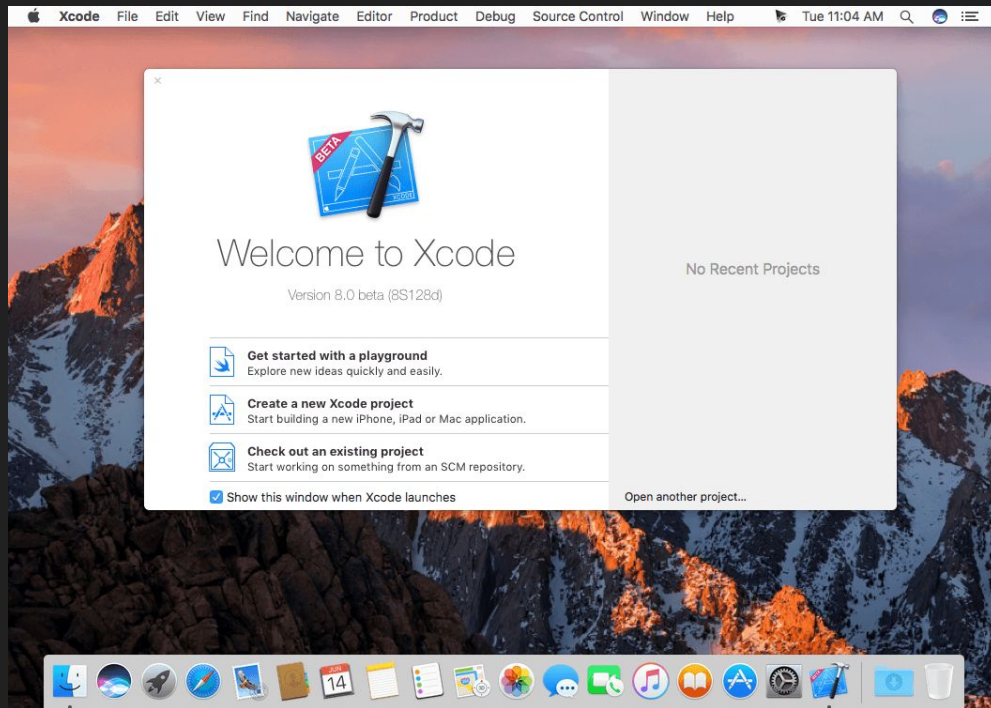
# iOS 10



# iOS 10

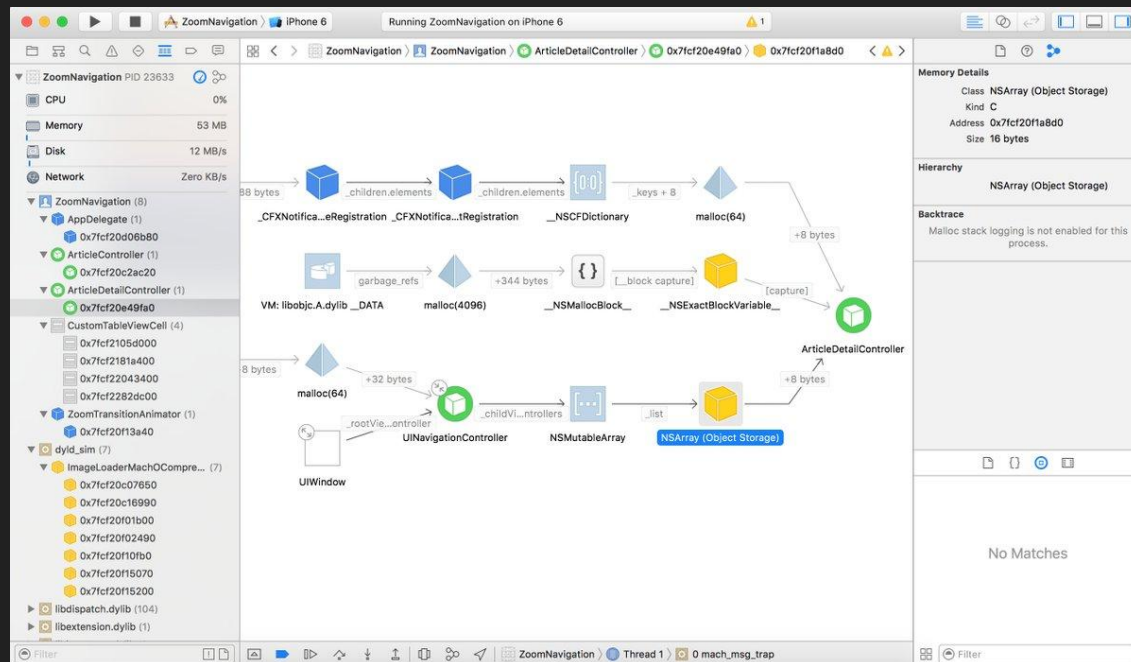
- “The biggest iOS release ever for our users”
- Complete redesign of native apps like Music and Maps
- New Notifications (Redesign, 3D touch, etc)
- “Raise and Wake”
- iMessage redesign with Stickers and Apps.
- New Siri APIs !
- Lots more!

# XCode 8





# Memory Debugger



# Interface Builder Improvements



- Xcode 8 now allows you to edit your scenes at any zoom level.
- It also comes with a handy new configuration bar that allows you to easily preview your view controller sized for different devices and size classes.



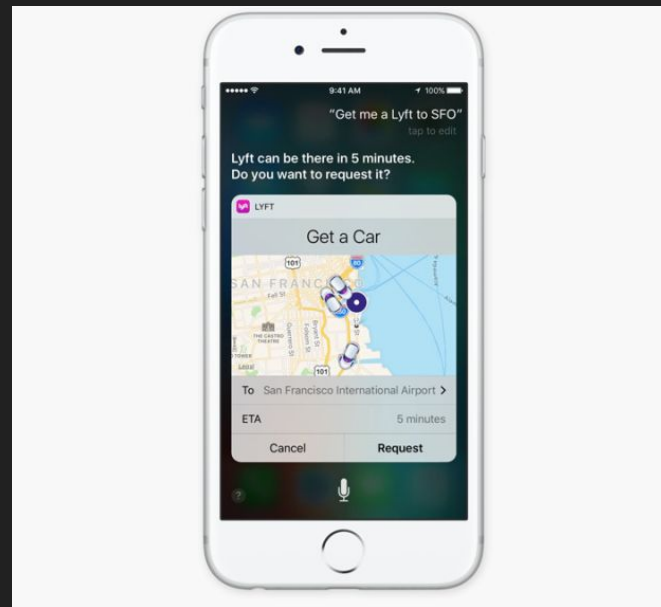
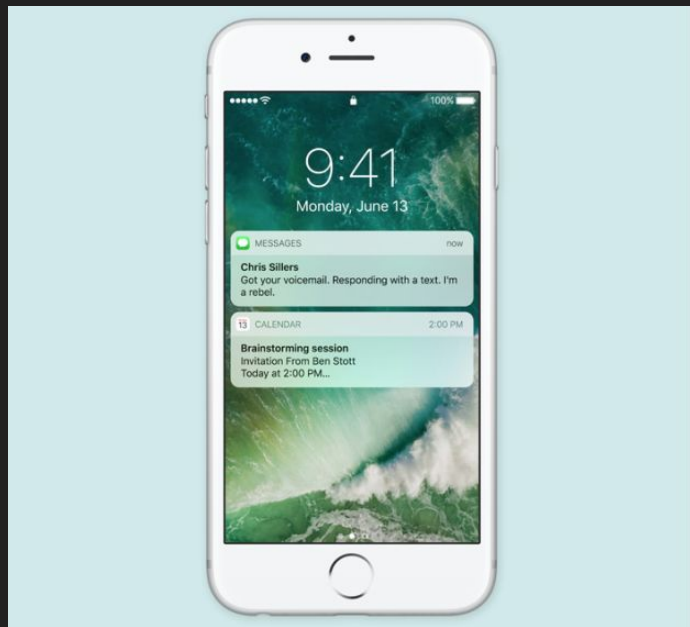
# Code Editor

- Autocomplete image assets in your project with a preview.
- Display colors right in line.
- Source Code Editor Extensions to customize the coding experience.

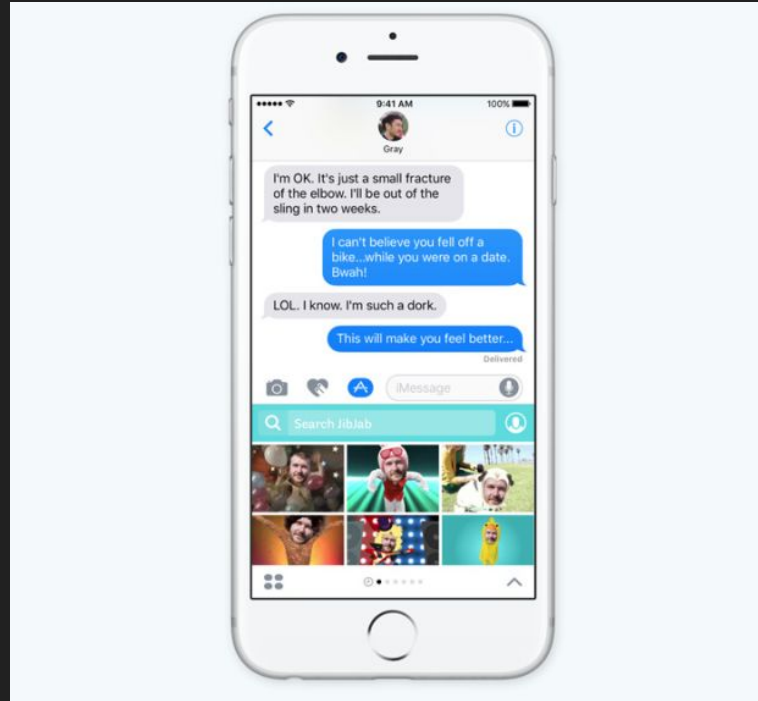
```
let base = 🍦base01  
let scoop = 🍦scoops05
```

```
let blue =   
let red = 
```

# Notifications



# QuickType Enhances

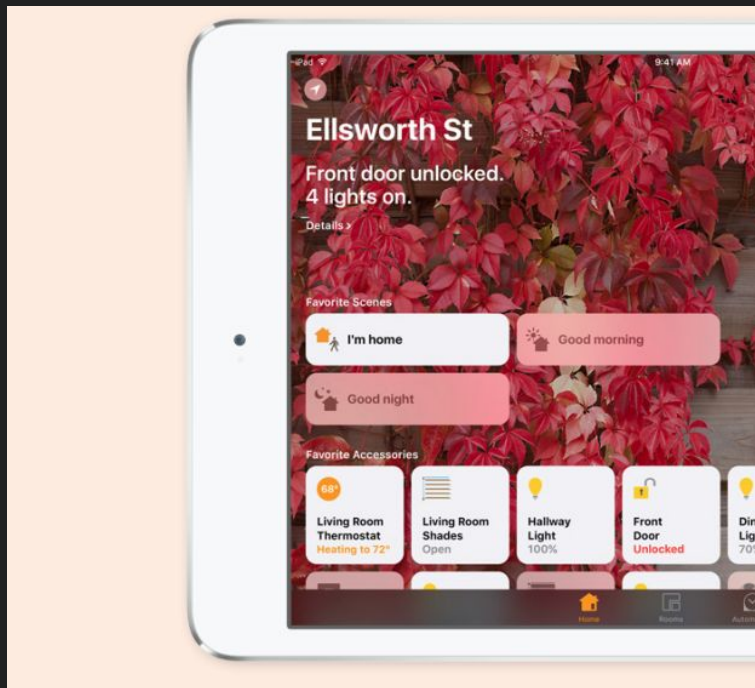




# QuickType

- Deep Learning Integration
- “Where are you” will suggest sending location for example
- Multiple Languages (Spanglish)

# Home App



# Home App

- Mix all of the homekit compatible accessories in a happy place.
- Control with Siri.
- Support scenes: For example: Saying “Good night” can draw the blinds and turn off all the lights.

tvOS



tvOS

# tvOS

- New AppleTV remote for iPhone that will work exactly like the regular remote
- Single Sign-On. So you only have to add your credentials One Time
- Homekit Support
- Better Siri. You can now say. “Search videos of cats in Youtube” for example.

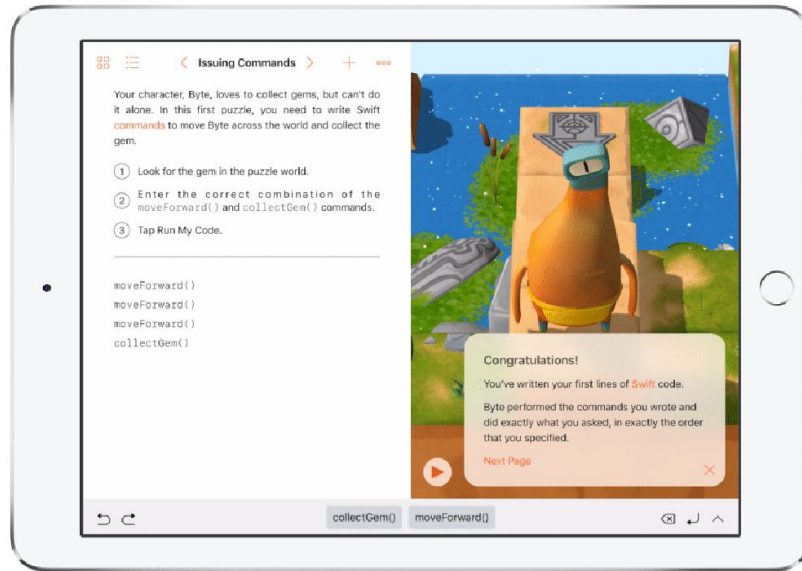


watchOS tvOS macOS iOS





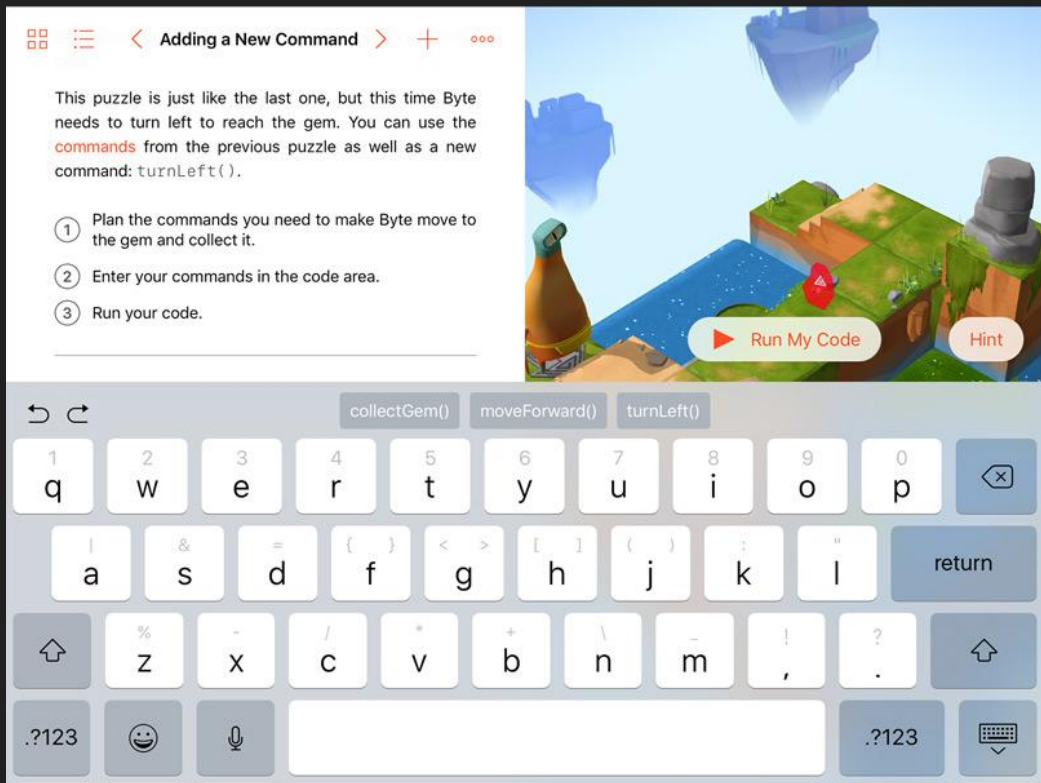
# Swift Playgrounds



# Swift Playgrounds

- Teach Swift right on the iPad
- It's mostly made for kids. But has a lot of potential
- Easily code with almost no keyboard.

# Swift Playgrounds



# Swift Playground



# SiriKit



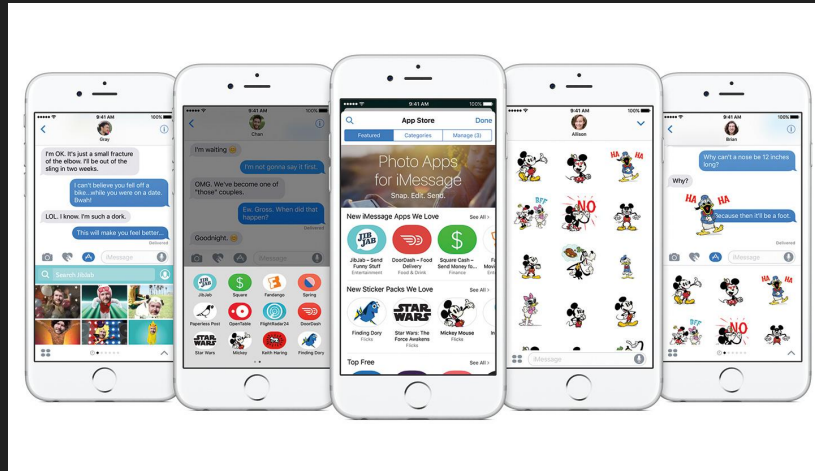
Messaging  
VoIP calling  
Payments  
Ride booking  
Photo search  
Workouts





# iMessage

- Sticker packs provides a set of stickers that users can add to their Messages content.
- iMessage app lets you present a custom user interface within the Messages app



# SiriKit

- Siri open API
- Integrated with Extensions
- Your extension will need to register to a specific domain:
  - Audio & Video
  - Messaging
  - Payments
  - Searching Photos
  - Workouts
  - Ride Booking

“Send a text to Carey using MyTextApp.”

“Get me a ride to SFO via MyRidesApp.”

# Speech Recognition

- New API for easily add Speech Recognition (Speech.Framework)

```
let recognizer = SFSpeechRecognizer()  
let request = SFSpeechURLRecognitionRequest(url: audioFileURL)  
recognizer?.recognitionTask(with: request, resultHandler: { (result, error) in  
    print (result?.bestTranscription.formattedString)  
})
```

# CallKit

- Integrate better with VOIP applications
- Lets user view and answers incoming calls from the lock screen.
- Manage Voip contacts from the Contact App

# UIKit

- The new `UIPreviewInteraction` class, which let you provide a custom user interface related to the peek and pop experience.
- Additional control over the appearance of the badge on a tab bar item, such as background color and text attributes.
- Support for the refresh control in all scroll views and scroll-view subclasses, such as `UICollectionView`.
- Enhancements to `UICollectionView` and the new `UICollectionViewDataSourcePrefetching` protocol, which help you take advantage of automatic prefetching of cells to improve the scrolling experience.

Gracias!

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