

What's New in iOS 8 – Xcode



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Outline - DELETE!!!!!!

- **Interfacebuilder - Universal storyboards**
- Live views
- View debugging
- XCTest performance tests (then profile)
- Framework project template
- XCode swift support - modules in IB, swift generated header - bridging header

- Debug selected views
- Quicklook on Views
- Custom quicklook - debugQuickLookObject -

Xcode 6



New version of Xcode
New features for iOS 8
New features for Swift

Swift Support

- Swift support in Xcode 6 nearly on par with Objective-C support
- Missing just a few features (refactoring being one of the biggest)

XCTest Improvements

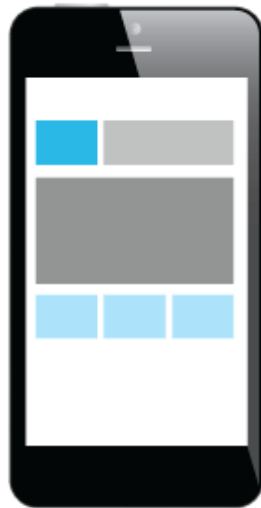
- Support for Swift!
- Better support for asynchronous code
- Support for simple performance testing

iOS 8 Dynamic Frameworks

- In the past, sharing code in iOS involved source-sharing or sharing via “static” libraries
- iOS 8 adds support for creating a dynamic framework that can be shared by multiple executables
- Needed to enable new extension architecture
- Explicit support in Xcode with new project template and targets

In the beginning...

There Was One Layout



The original iPhone

480x320

Then Came Retina and...

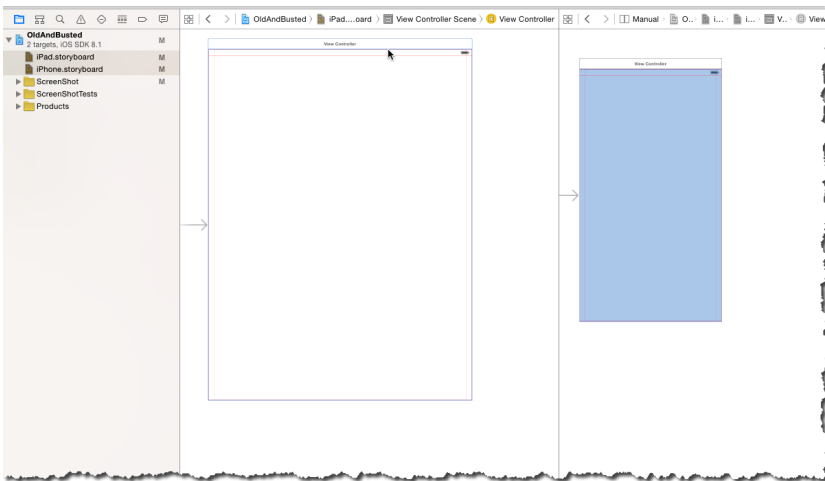
<i>iPhone4</i>	<i>iPhone 5, 5c, and 5s</i>	<i>iPhone 6</i>	<i>iPhone 6+</i>
960 x 320	1136 x 640	1334 x 750	2208 x 1242

Not to mention – iPad resolutions!

Universal Storyboards in Xcode 6

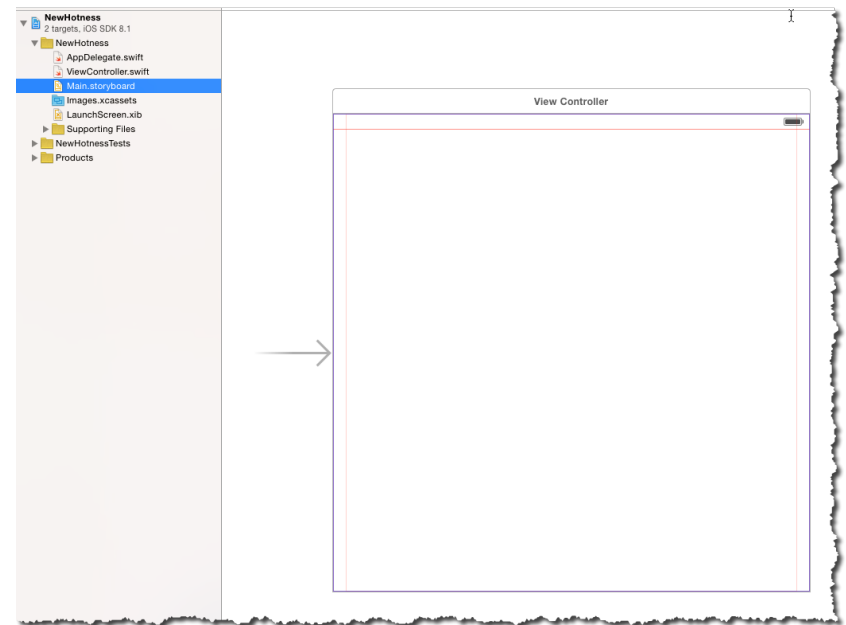
Old and Busted

- Storyboard per device class (e.g. iPhone.storyboard and iPad.storyboard)



New Hotness

- One storyboard to rule them all



Auto-layout is Your Friend

Live View Rendering

- Interface Builder has always rendered live views for Apple-provided views
- Xcode 6 adds capabilities to allow your views to be treated the same
- @IBDesignable attribute needs to be added to View
- Override prepareForInterfaceBuilder
- Add @IBInspectable to properties you want exposed via the inspector

Debugging

- Xcode provides extensive code debugging facilities
- Xcode 6 adds support for View Debugging

