





Hardware



Software



Services



Xcode 6

1.2 Million

Apps available

75 Billion

App downloads

14 Million

Xcode downloads

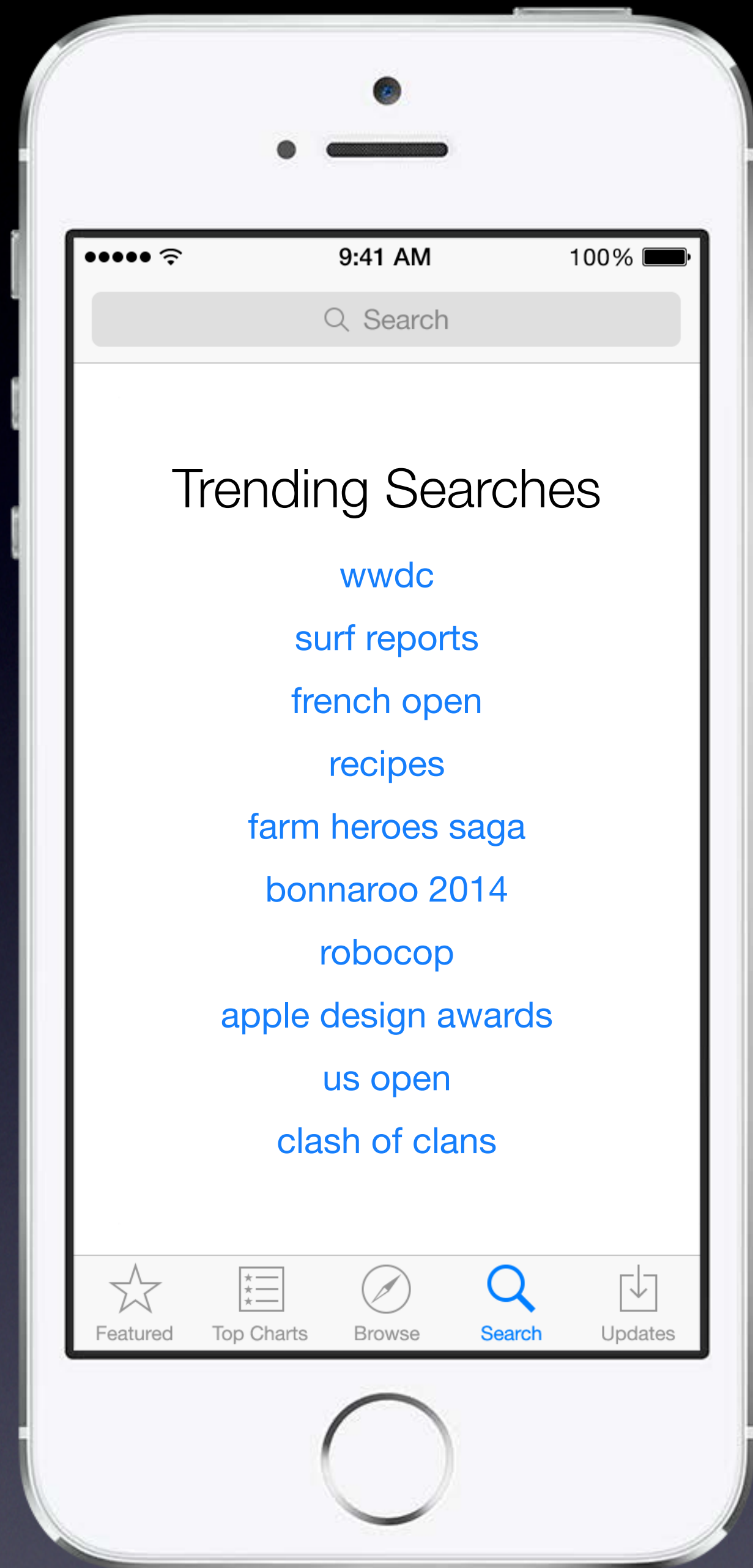
120,000

New Xcode users every month





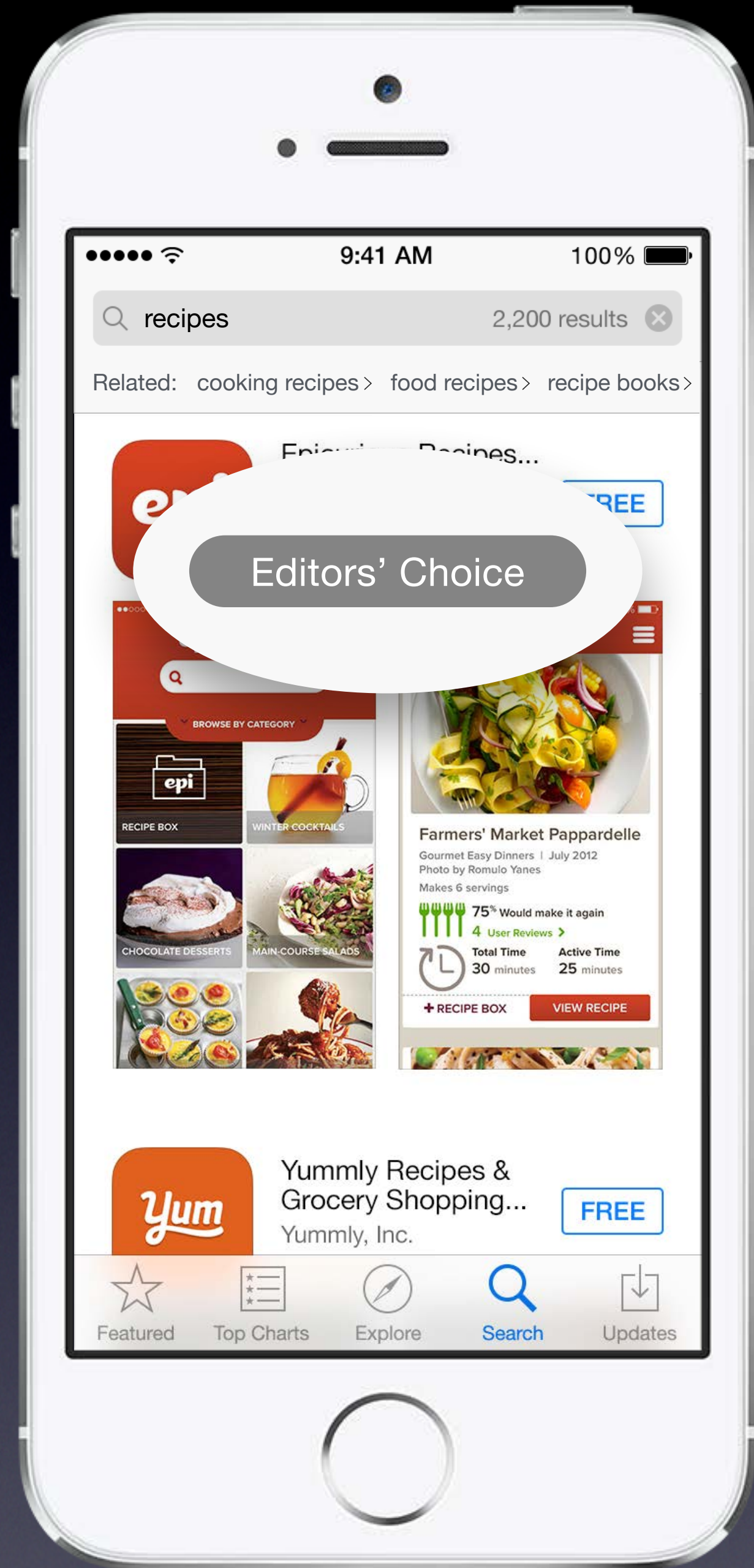
Search
Related searches



Search
Trending searches



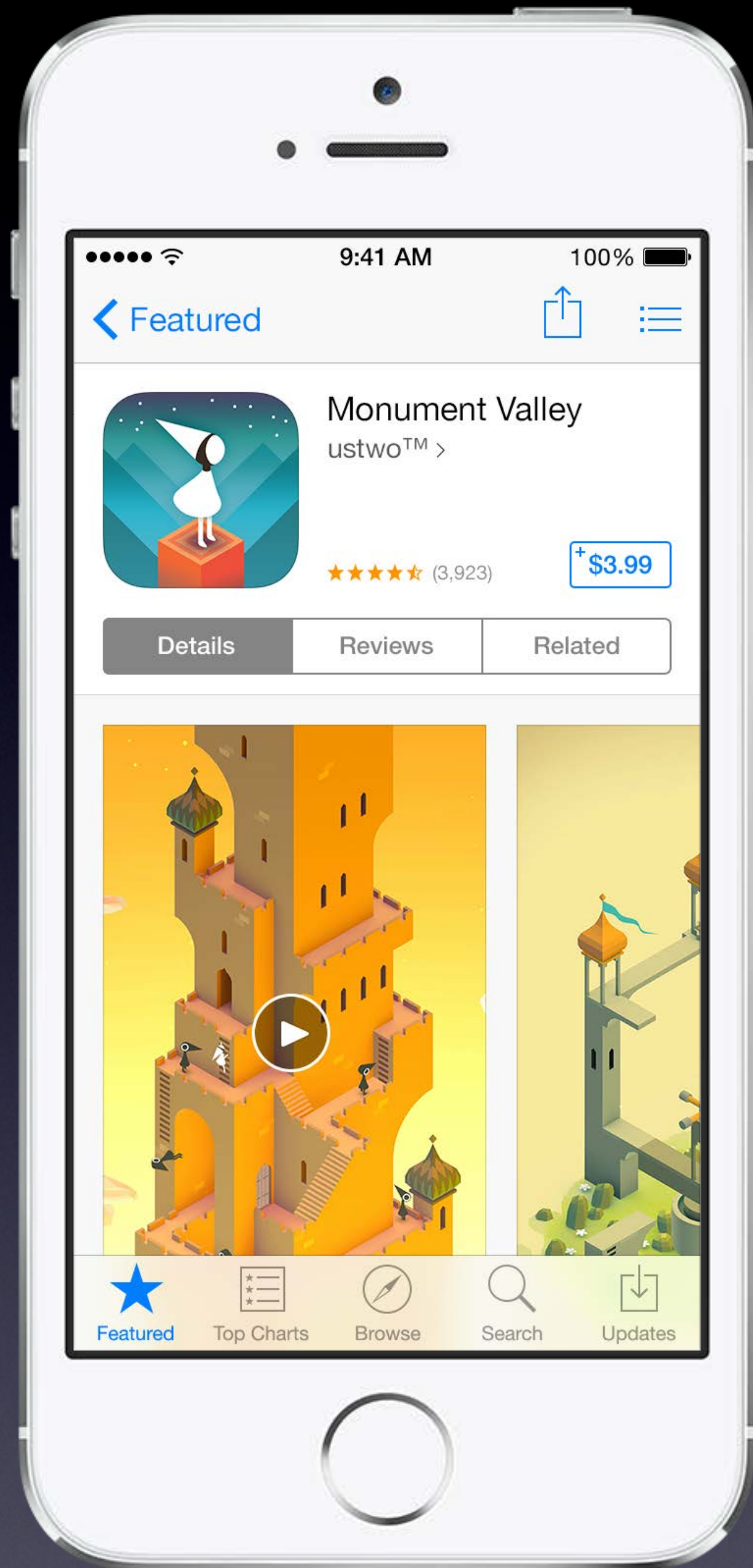
Search
Editors' Choice



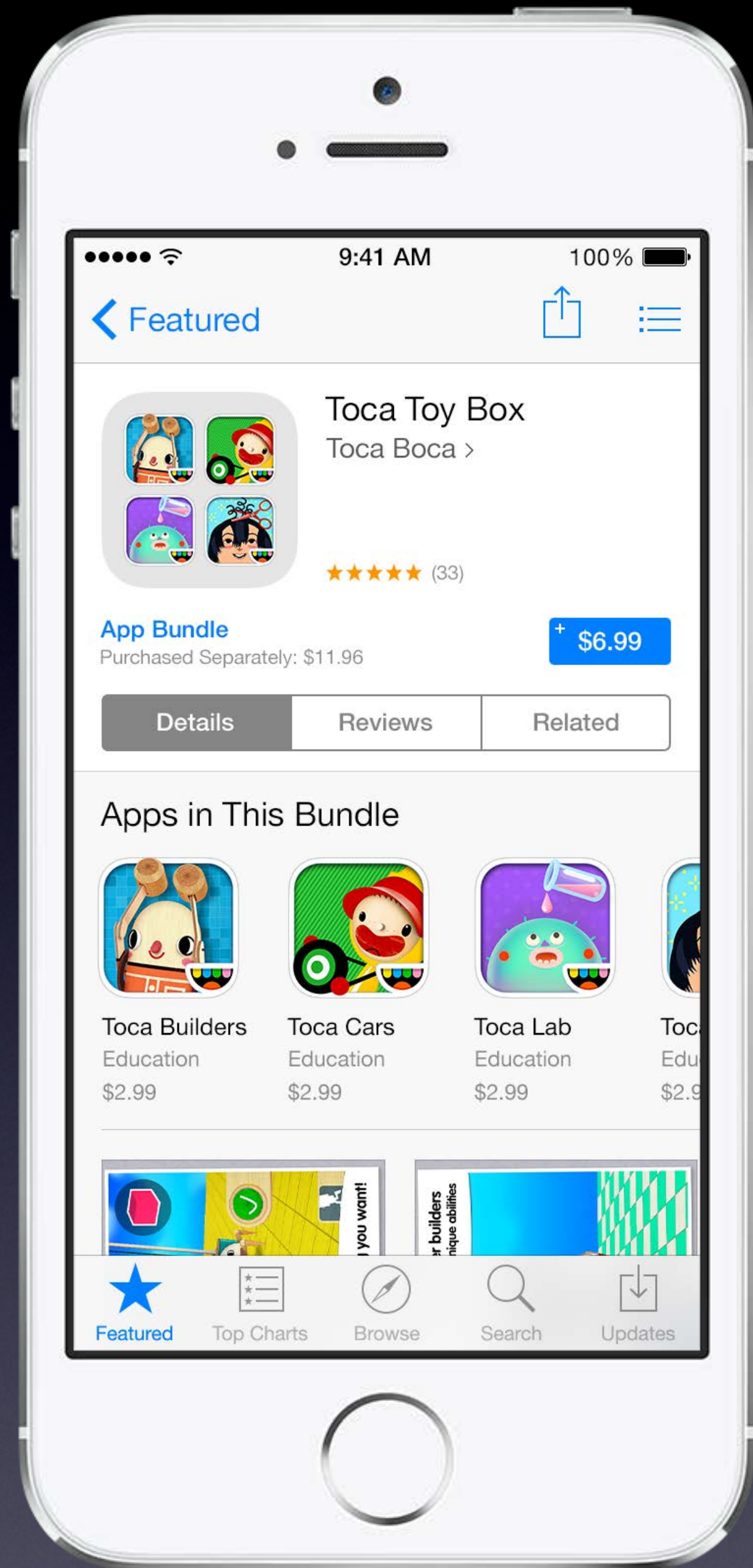
Search Editors' Choice



Search
Editors' Choice



App Previews



App Bundles



My Apps



Analytics



Sales and Trends



Payments and
Financial Reports



iAd



Agreements, Tax
and Banking



Users and Roles



Resources and Help



Toca Lab iOS 1.0.1 Ready for Sale



Toca Cars iOS 1.0 Ready for Sale 1.0.1 Prepare for Upload



Toca Builders iOS 1.0.3 Ready for Sale



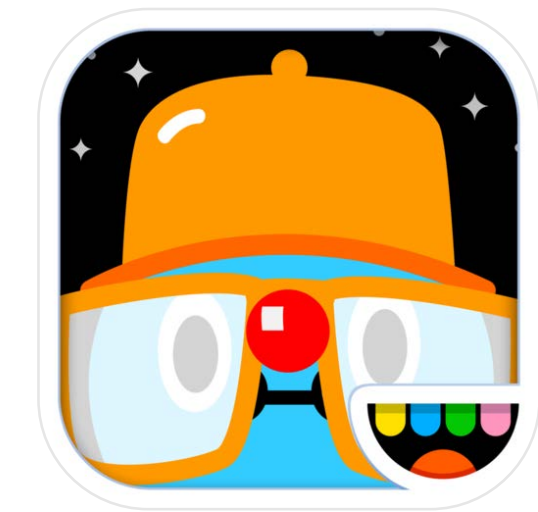
Toca Hair Salon iOS 1.2.4 Ready for Sale



Toca Mini iOS 1.0.2 Ready for Sale



Toca Tailor iOS 1.0.5 Ready for Sale



Toca Band iOS 1.0.4 Ready for Sale



Toca Train iOS 1.0.3 Ready for Sale



< Apps

 Track Runner

Metrics Sources Retention

SALES

Email Campaign May iPhone

< | May, 2014 | >

App Store Views

App Units

In-App Purchases

Sales

Average Sales

ENGAGEMENT

Installations

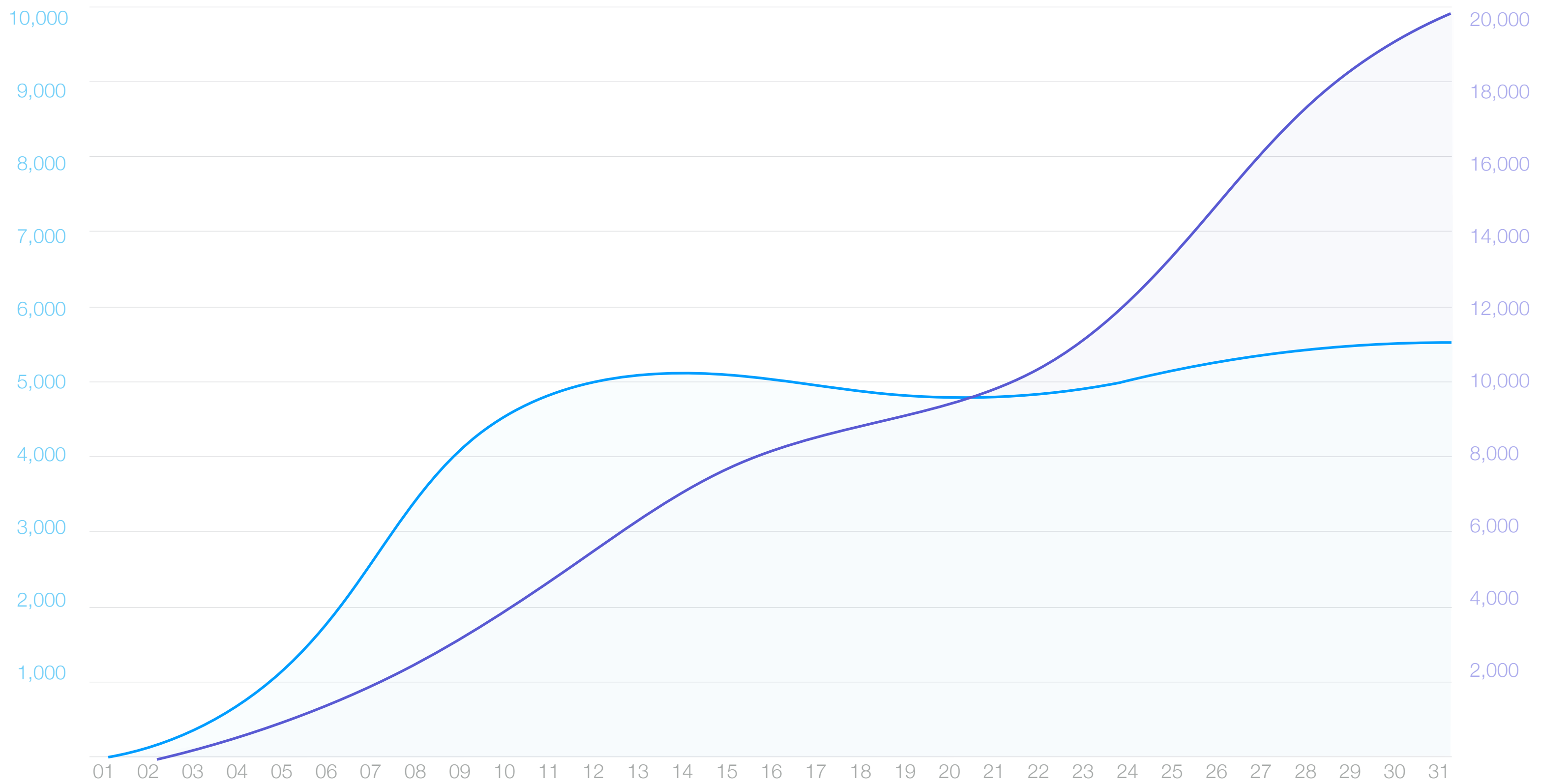
Active Devices

Sessions

Stickiness

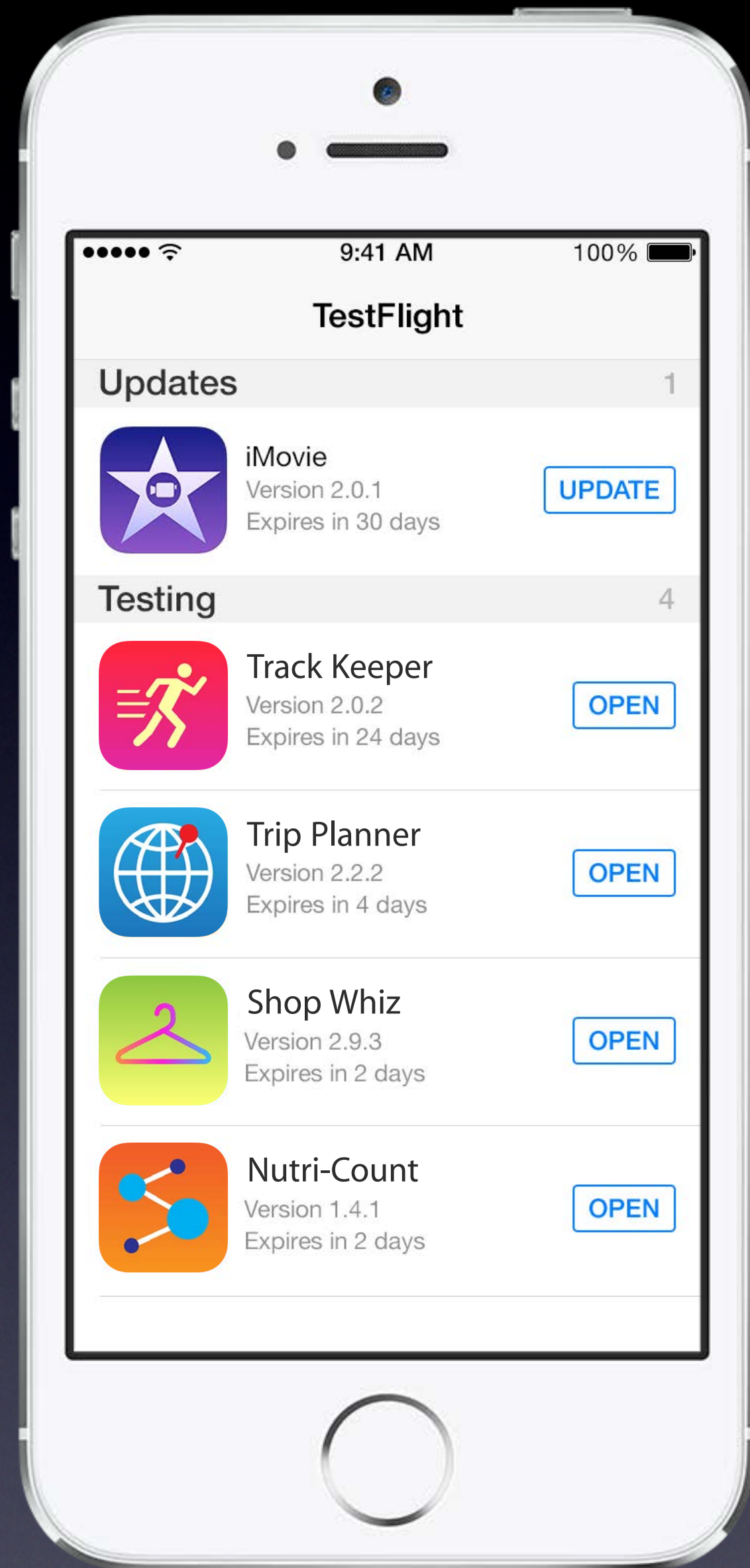
COMPARE TO

Active Devices

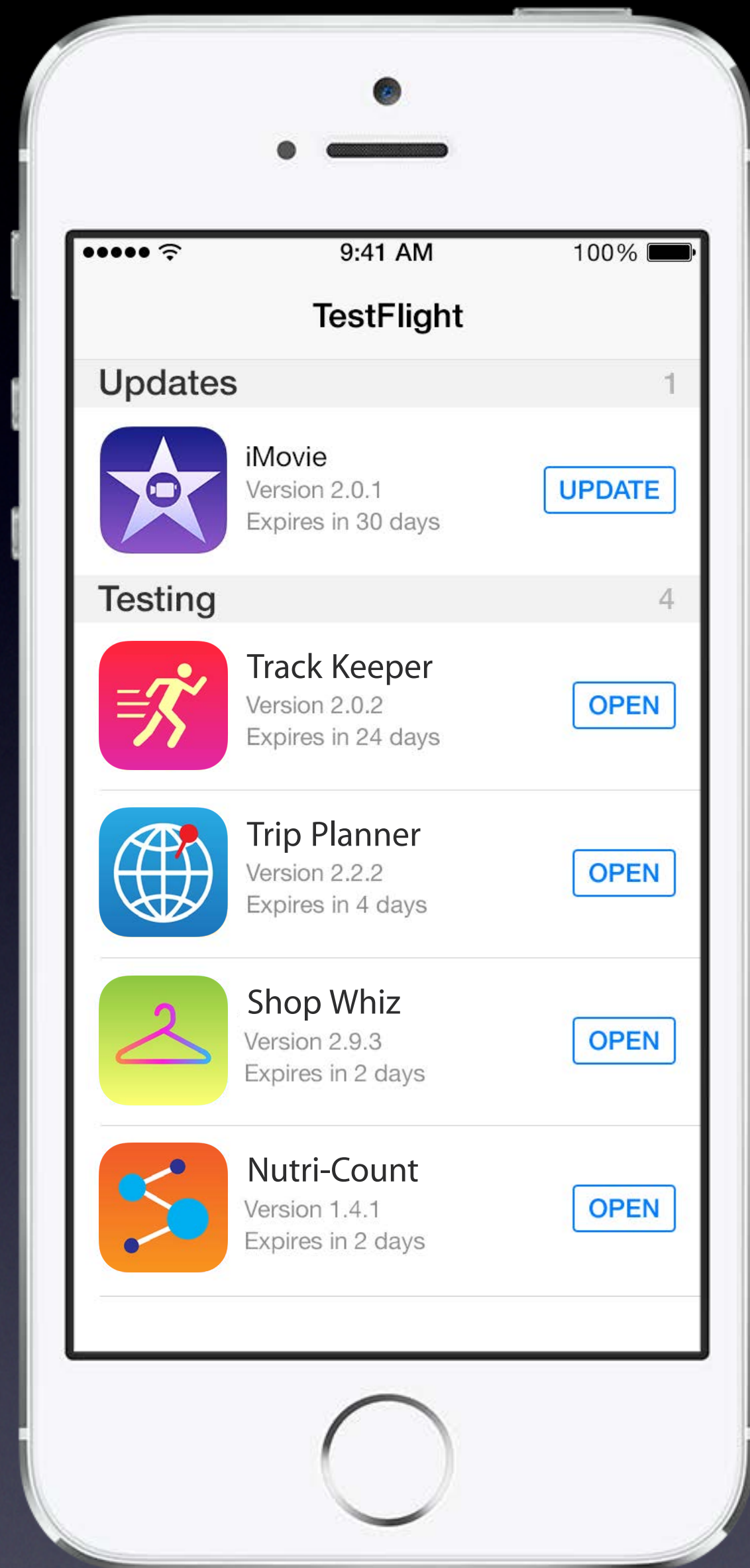


< | Days Weeks Months | >

TestFlight



TestFlight
1000 Users



TestFlight
Great for internal QA

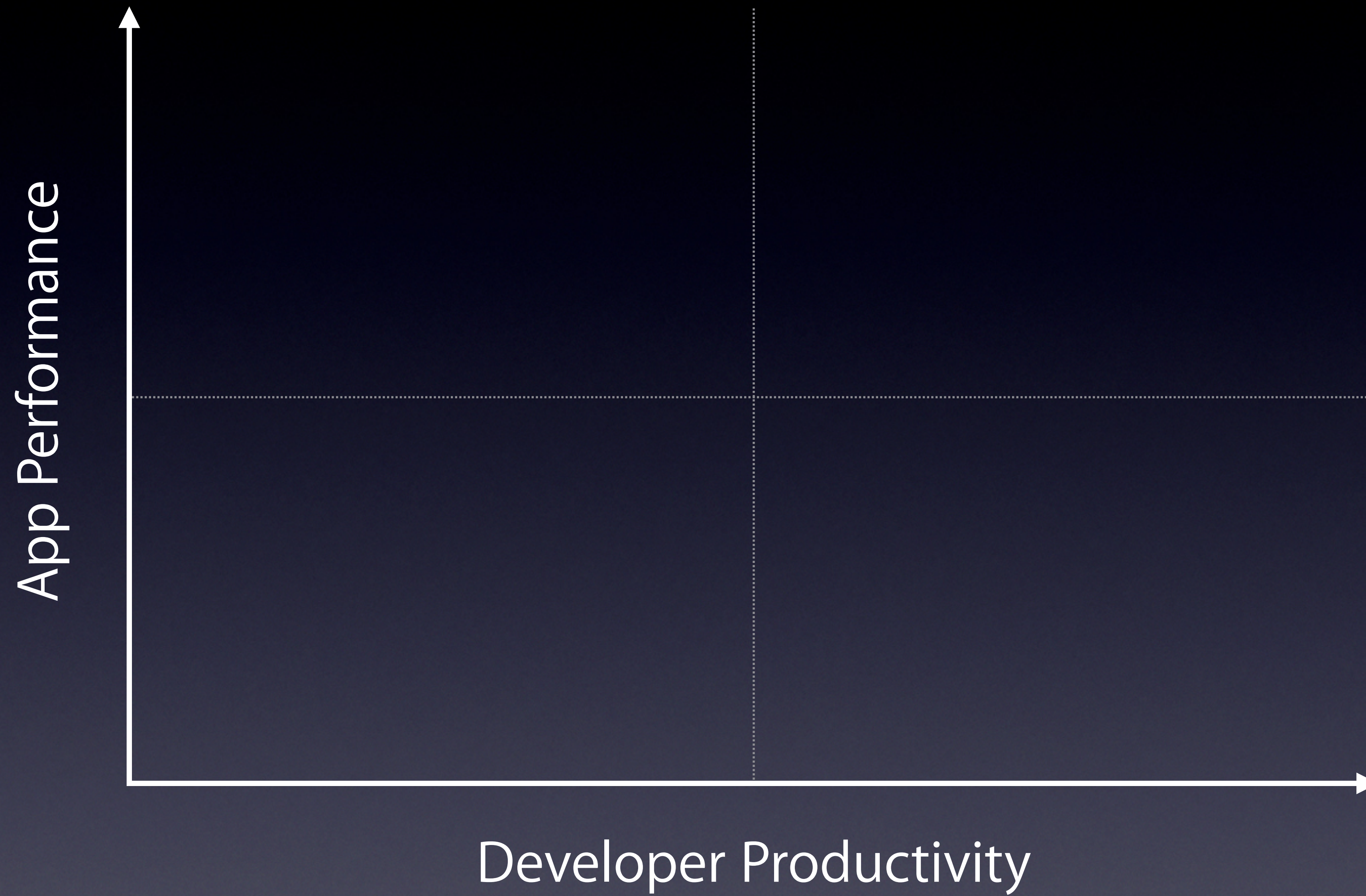


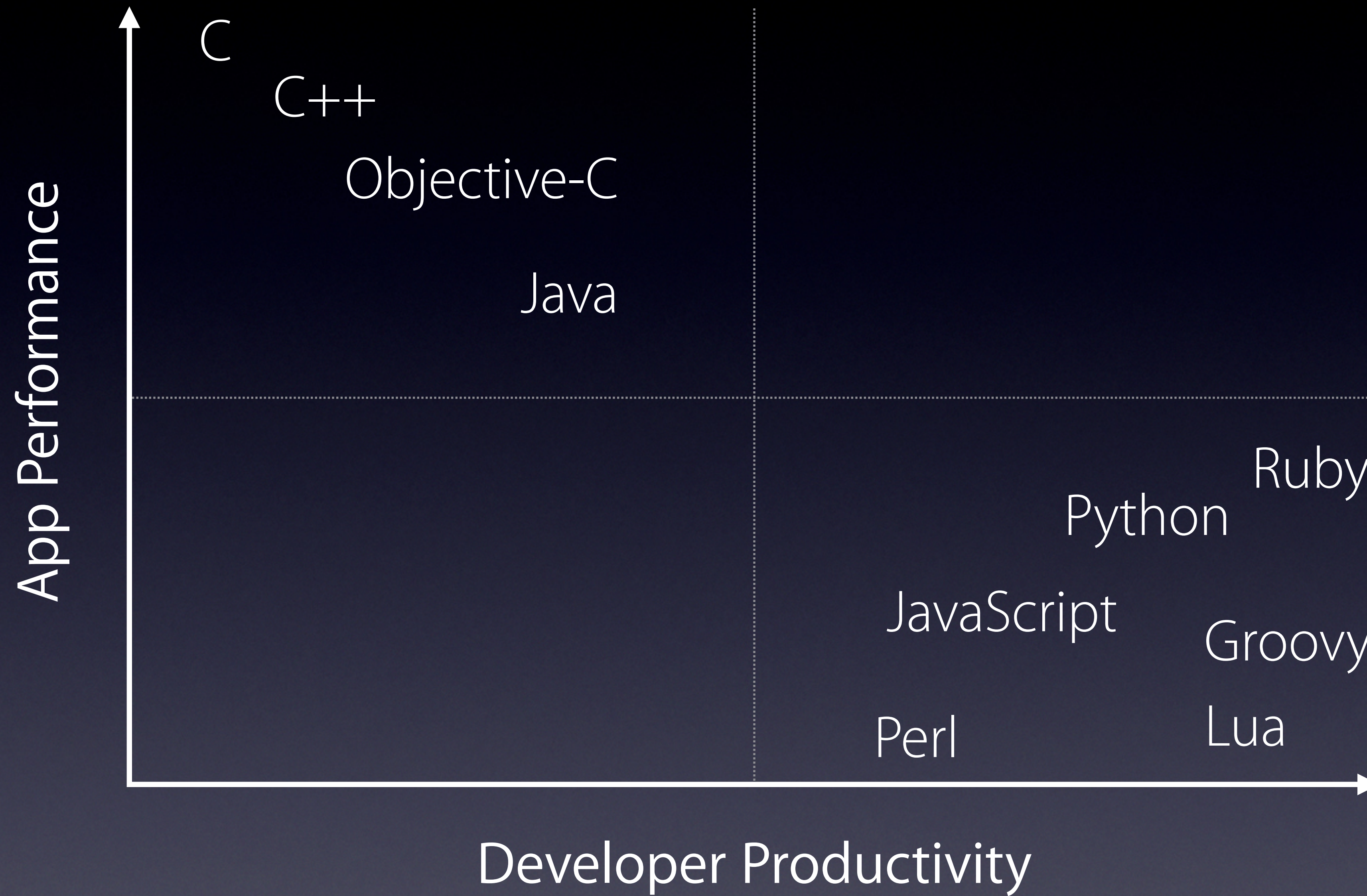
Crash Reports





Designed for
Cocoa and Cocoa Touch







Modern

Clean syntax

No headers

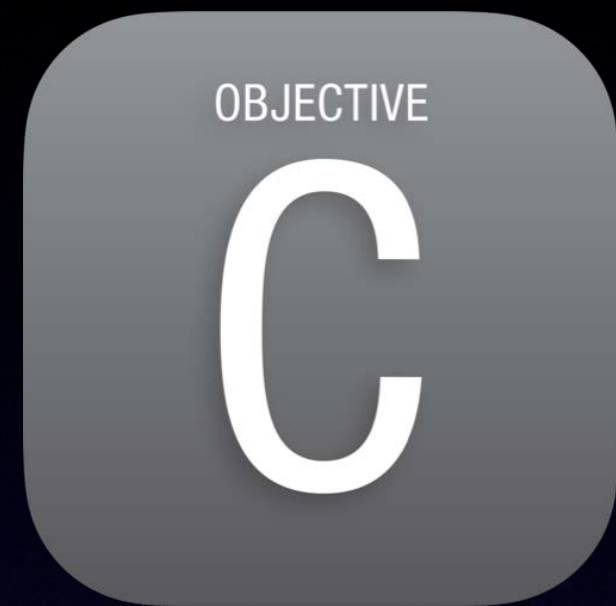
No semicolons

Multiple return values

Optional arguments

Closures

Generics



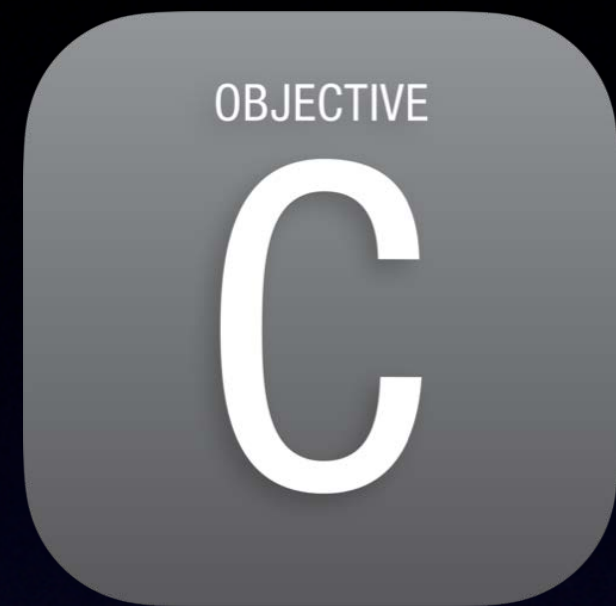
```
NSDictionary *dict = @{@"hero":image1, @"balloon":image2};

for (NSString *key in dict) {
    id value = dict[key];
    NSLog(@"%@ %@", key, value);
}
```



```
var dict = ["hero":image1, "balloon":image2]

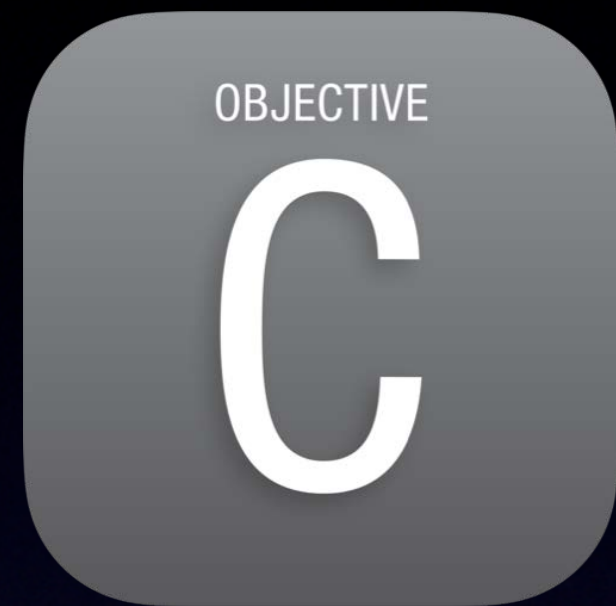
for (key, value) in dict {
    NSLog("\(key) \(value)")
}
```



```
sortedStrings = [stringArray sortedArrayUsingComparator:
    ^NSComparisonResult(id a, id b) {
        NSString *first = [(NSString *)a uppercaseString];
        NSString *second = [(NSString *)b uppercaseString];
        return [first compare:second];
    }];
```



```
sortedStrings = sort(stringArray) {
    a, b in return a.uppercaseString < b.uppercaseString
}
```



```
if ([delegate respondsToSelector:  
    @selector(application:willFinishLaunchingWithOptions:)] ) {  
    [delegate application:app  
        willFinishLaunchingWithOptions:options];  
}
```



```
delegate.application?(app,  
    willFinishLaunchingWithOptions:options)
```



```
string.lastPathComponent  
    .uppercaseStringWithLocale(NSLocale.currentLocale())  
    .componentsSeparatedByString(";")
```

Safe

No uninitialized data

Array bounds checks

Integer overflow checks

Braces on all control statements

Raw pointers marked "unsafe"

No implicit fall through

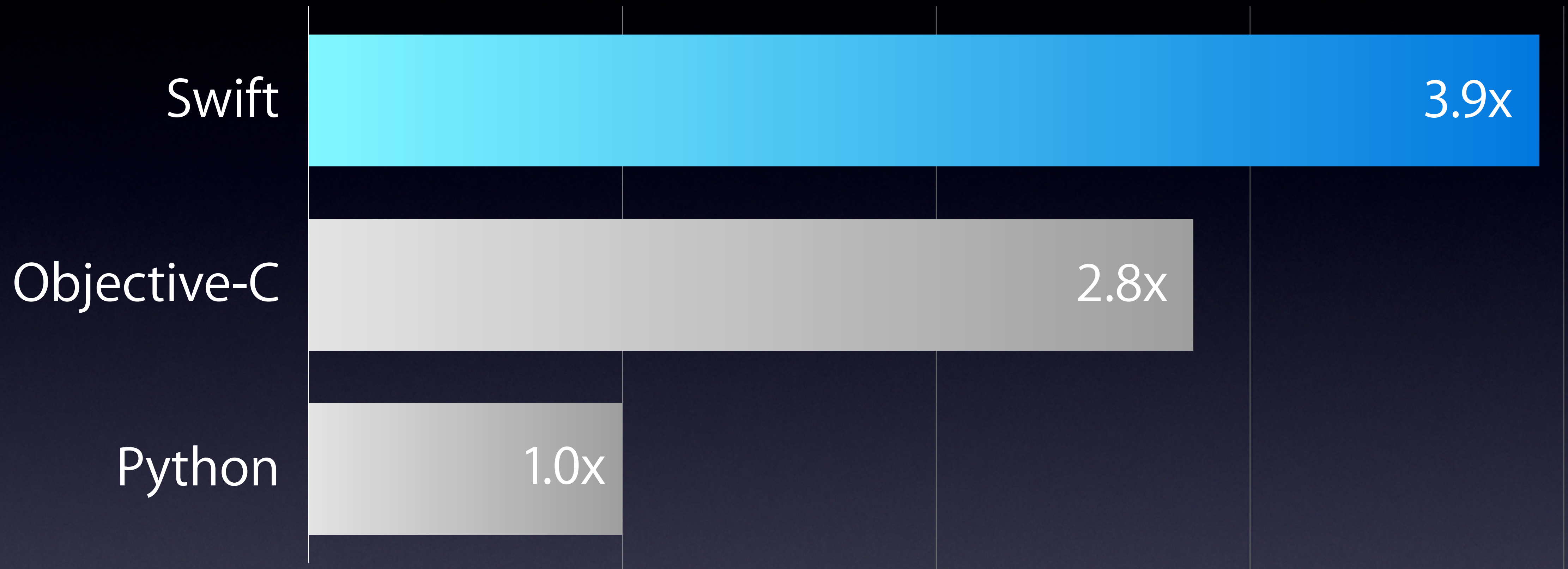
Fast

ARM and x86-64 native code

Tuned native collections

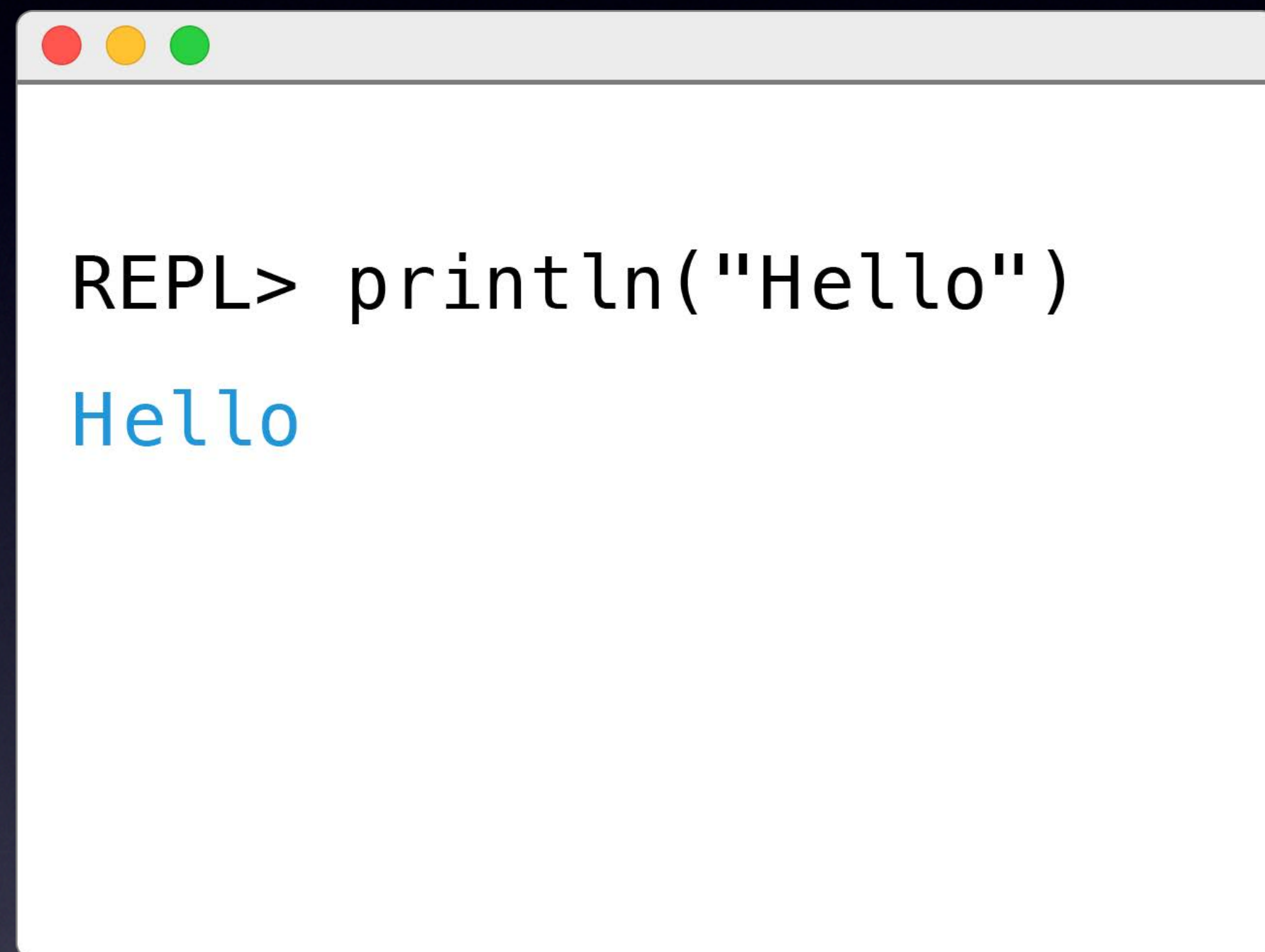
Swift-specific optimizer

C-like procedural performance



Complex Object Sort

Demo



```
REPL> println("Hello")
Hello
```

Type inference

Generics

Collections and slicing

Multiple return values as tuples

Extensions and protocols

Functional patterns



Module is target or framework

Implicit namespaces

No more class prefixes

```
var x = MyFramework.Foo()
```

Module is target or framework

Implicit namespaces

No more class prefixes

```
array.map { item in  
    return item.scaleBySizingFactor(factor) }
```

```
array.map { item in item.scaleBySizingFactor(factor) }
```

```
array.map { $0.scaleBySizingFactor(factor) }
```

```
dispatch_async(queue) {  
    ...  
}
```



Thin core language

Library-oriented design

Designed to be extensible



Functional patterns

Protocols and extensions on structs

Pattern matching

Clear mutability syntax

Read-Eval-Print-Loop (REPL)

Multiple return types

Operator overloading

Int overflow checking

Concise syntax

Object orientation

Native collections

Interactive playground

Trailing closures

Fast iteration

Namespaces Generics

Pattern matching

User defined operators

Type inference

Tuples

Compile to native code

Swift-specific optimizer

Array bounds checking

Closures Optional types



Balloons — Balloons.playground — Edited
Timeline > Balloons.playground (Timeline)

```

func doDidMoveToView(scene : SKScene,
                    delegate : SKPhysicsContactDelegate) {

    // ===== Blimp Control =====
    yOffsetForTime = { i in
        return 80 * sin(i / 10.0)
    }

    // ===== Scene Configuration =====
    // Set up balloon lighting and per-pixel collisions.
    balloonConfigurator = { b in
        b.physicsBody.categoryBitMask = CONTACT_CATEGORY
        b.physicsBody.fieldBitMask = WIND_FIELD_CATEGORY
        b.lightingBitMask = BALLOON_LIGHTING_CATEGORY
    }

    // Load images for balloon explosion.
    balloonPop = (1..4).map {
        SKTexture(imageNamed: "explode_0\($0)")
    }

    // Install turbulent field forces.
    var turbulence = SKFieldNode.noiseFieldWithSmoothness(0.7,
                                                         animationSpeed:0.8)
    turbulence.categoryBitMask = WIND_FIELD_CATEGORY
    turbulence.strength = 0.21
    scene.addChild(turbulence)

    cannonStrength = 210.0

    // ===== Scene Initialization =====
    // Do the rest of the setup and start the scene.
    setupHero(scene, delegate)
    setupFan(scene, delegate)
    setupCannons(scene, delegate)
}

func handleContact(bodyA : SKSpriteNode,
                  bodyB : SKSpriteNode) {
    if (bodyA == hero) {
        bodyB.normalTexture = nil
        bodyB.runAction(removeBalloonAction)
    } else if (bodyB == hero) {
        bodyA.normalTexture = nil
        bodyA.runAction(removeBalloonAction)
    }
}

```

(Function)
(1058 times)

(Function)
(55 times)

[SKTexture, SKTexture, SKTe...
(4 times)

SKNoiseFieldNode

SKNoiseFieldNode
SKNoiseFieldNode
{GameScene {(Function)} {(F...

210.0

Balloons

let y = 80 * sin(x)

- 30 sec +

Demo



Identical object and memory management models

Directly import existing system APIs

Bridged collection classes

Modernized Objective-C APIs for Swift interoperability



Mix and match in one project



Swift iBook



Reference Library



Source Compatibility *



Binary Compatibility

* Source converters will be provided as required









Game Center

130 Million

Monthly active players



Game Controllers



Thousands of games

In-store demos

Controller forwarding



SpriteKit



SceneKit



Metal



Per pixel collisions

Field forces

Inverse kinematics

Shaders

Higher performance

New Xcode tools



Now on iOS and OS X

Particle systems

Physics

Field forces

Shaders





+



Demo



Dramatically reduced overhead

Unified graphics and compute

Precompiled shaders

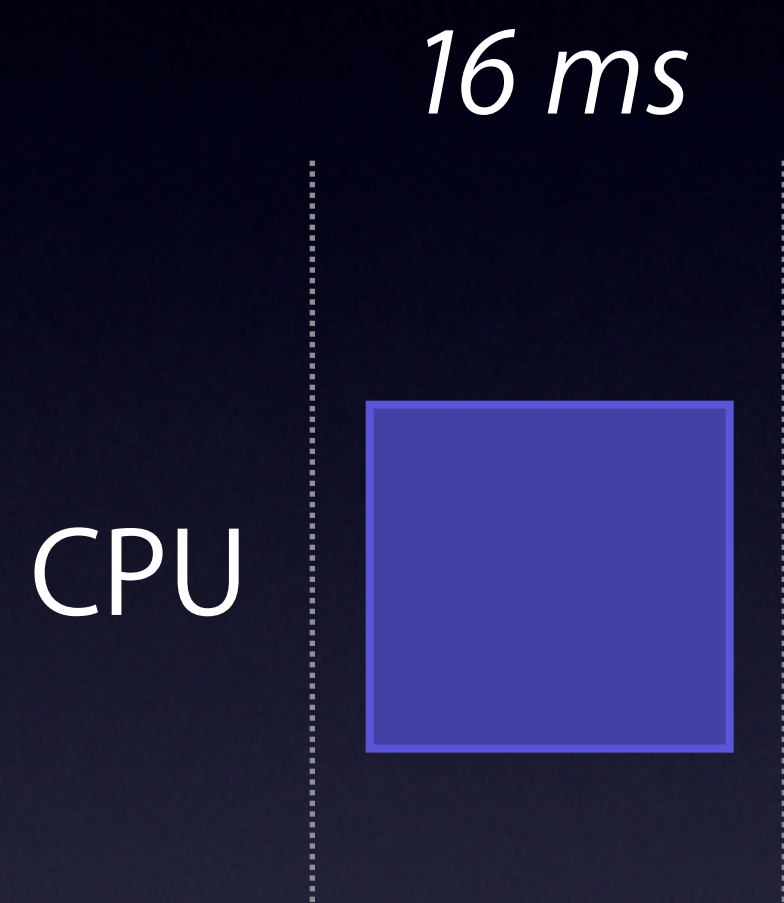
Efficient multithreading

Designed for A7

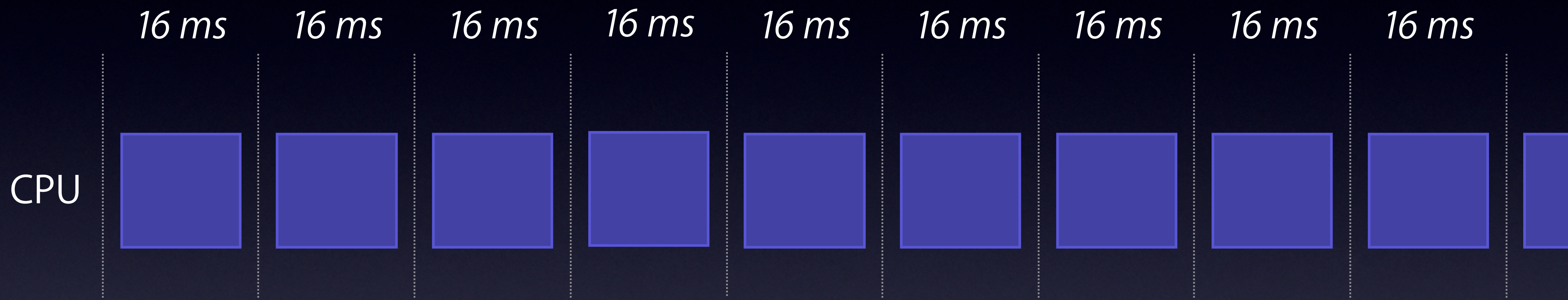
60 frames per second

60 frames per second = 16.67 ms per frame

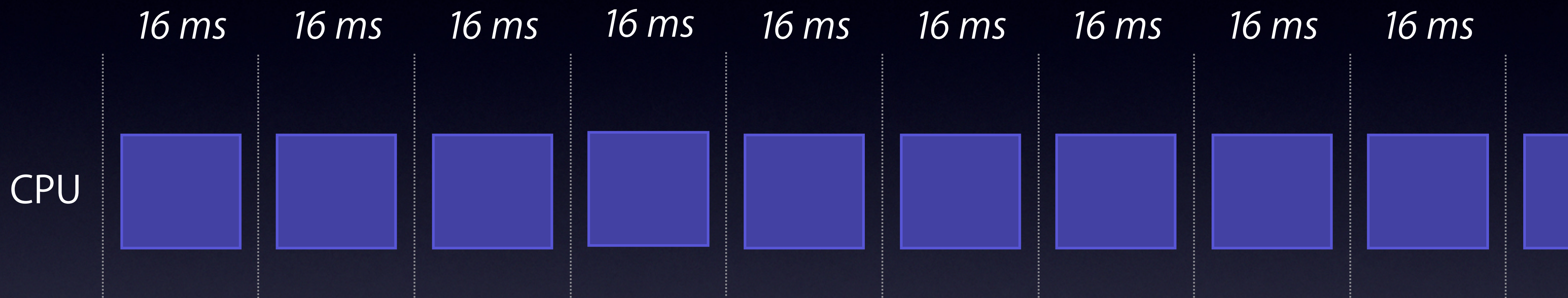
60 frames per second = 16.67 ms per frame



60 frames per second = 16.67 ms per frame



60 frames per second = 16.67 ms per frame

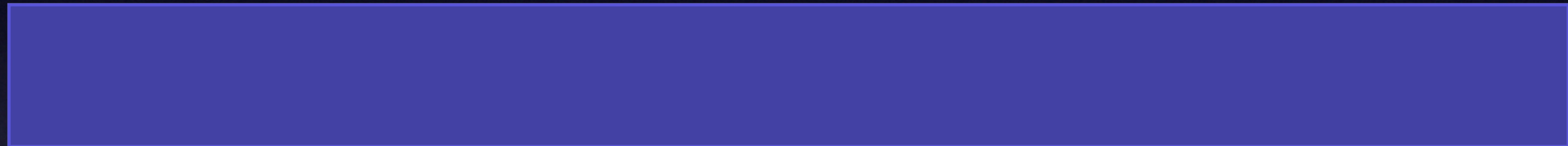


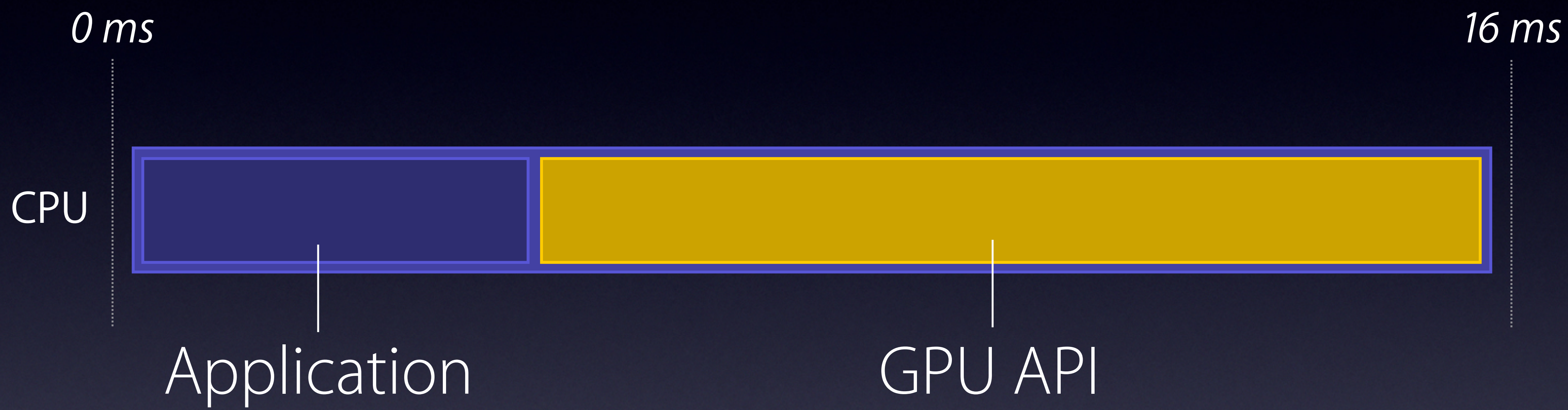
60 frames per second = 16.67 ms per frame

0 ms

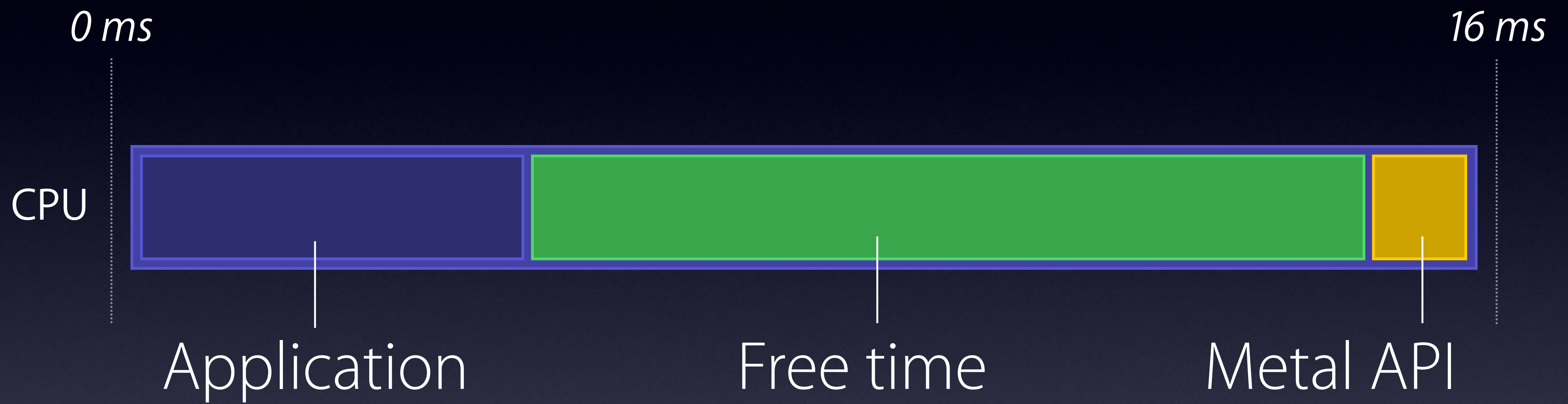
16 ms

CPU









More AI, physics, drawing...



Multi-threaded command encoders

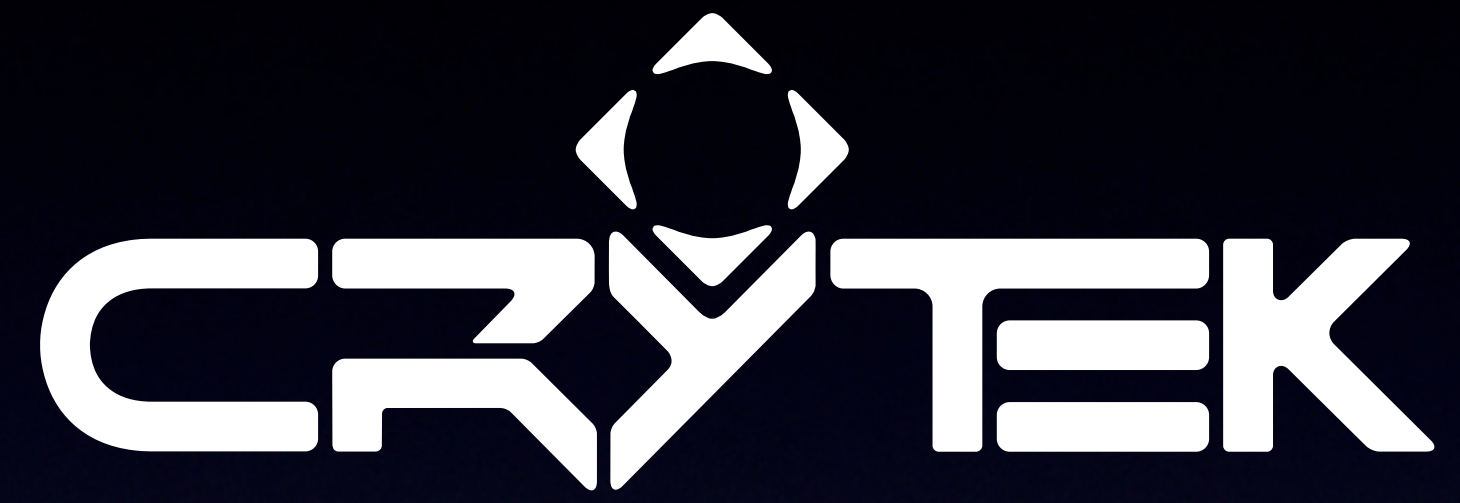
Explicit command buffer control

Optimized memory architecture

Unified shading language

Build time shader compilation

Xcode tools





Johan Andersson







Embedded Inside Apps



Embedded Inside Apps



User in Control

Secure

Short-lived

Out-of-process

On demand

Share data with app

Sandboxed

Remote views

iOS Frameworks

iOS

OS X

Sharing extensions



Actions



Notification center widgets



Document providers



Finder sync status extensions



Third-party keyboards





Share comments,
photos, videos,
audio, links, more

Sharing Extensions



Transform data

Actions



Manipulate images

Non-destructive edits

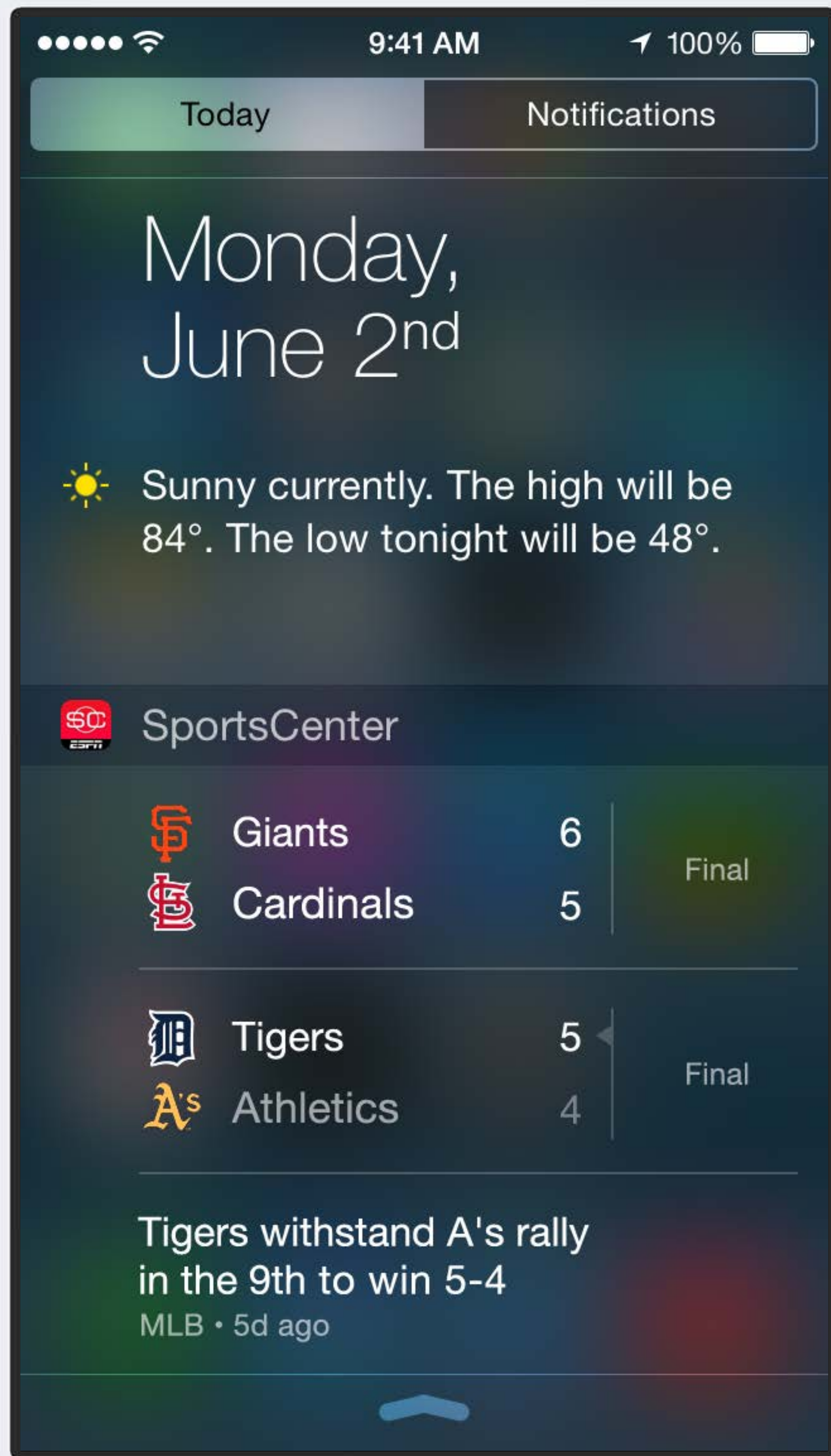
Photo Editing Extensions (iOS)



Manipulate web pages

Full access to DOM

Safari Actions (iOS)

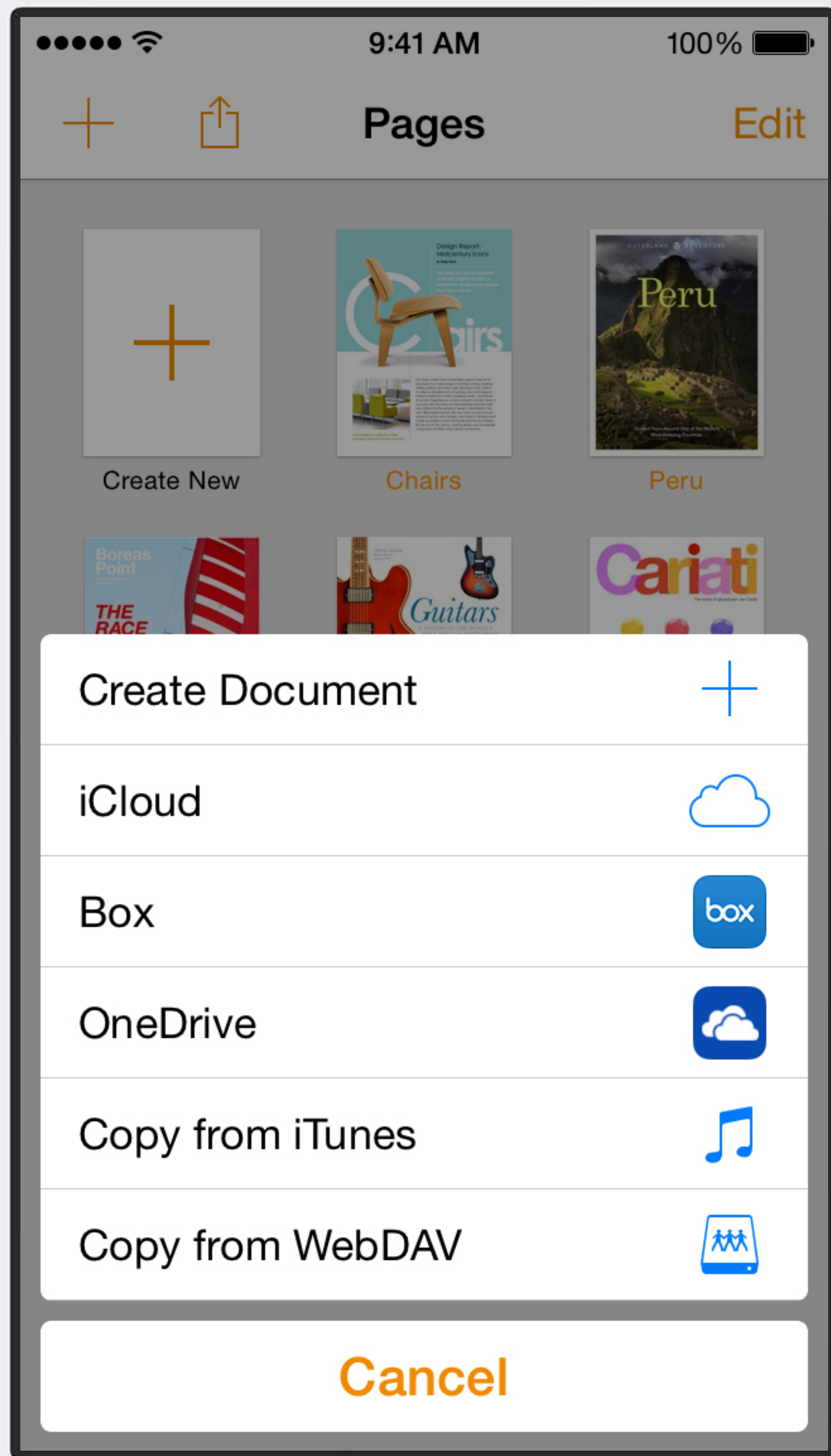


Notification Center Widgets

Helpful utilities

Simple interactions

Launch into apps



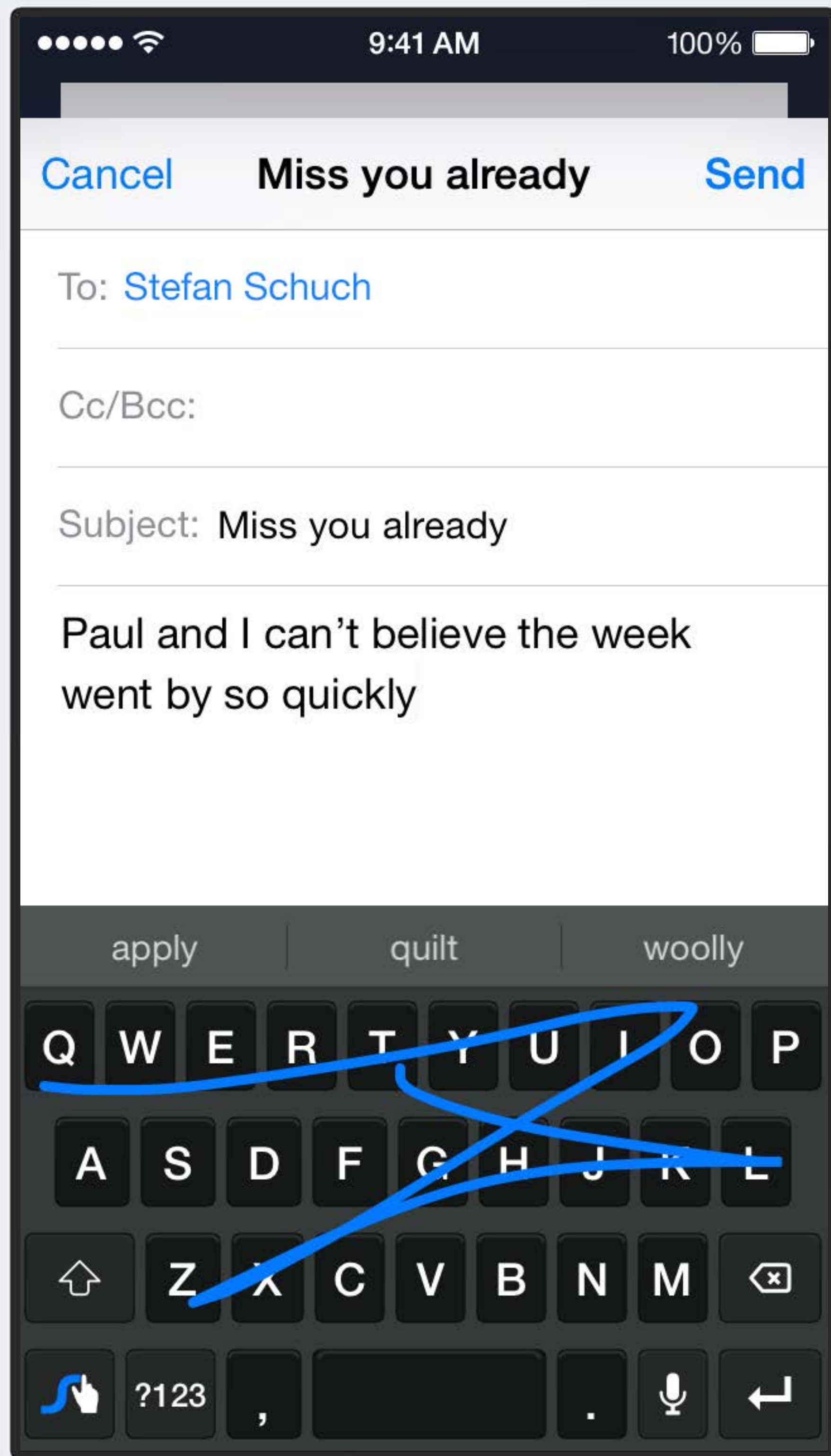
Document Providers

Access additional storage mechanisms in Document Picker



Annotate Finder content
with remote file sync status

Finder Sync Extensions



3rd Party Keyboards

More languages

New input methods



Templates

Scheme settings

Debugging

Simulators





Biggest release since
the launch of the App Store

4,000 new APIs

Integration



Photos



Camera



Photos Framework



AVFoundation



PHAssetCollection

Direct access

iCloud Photo Library



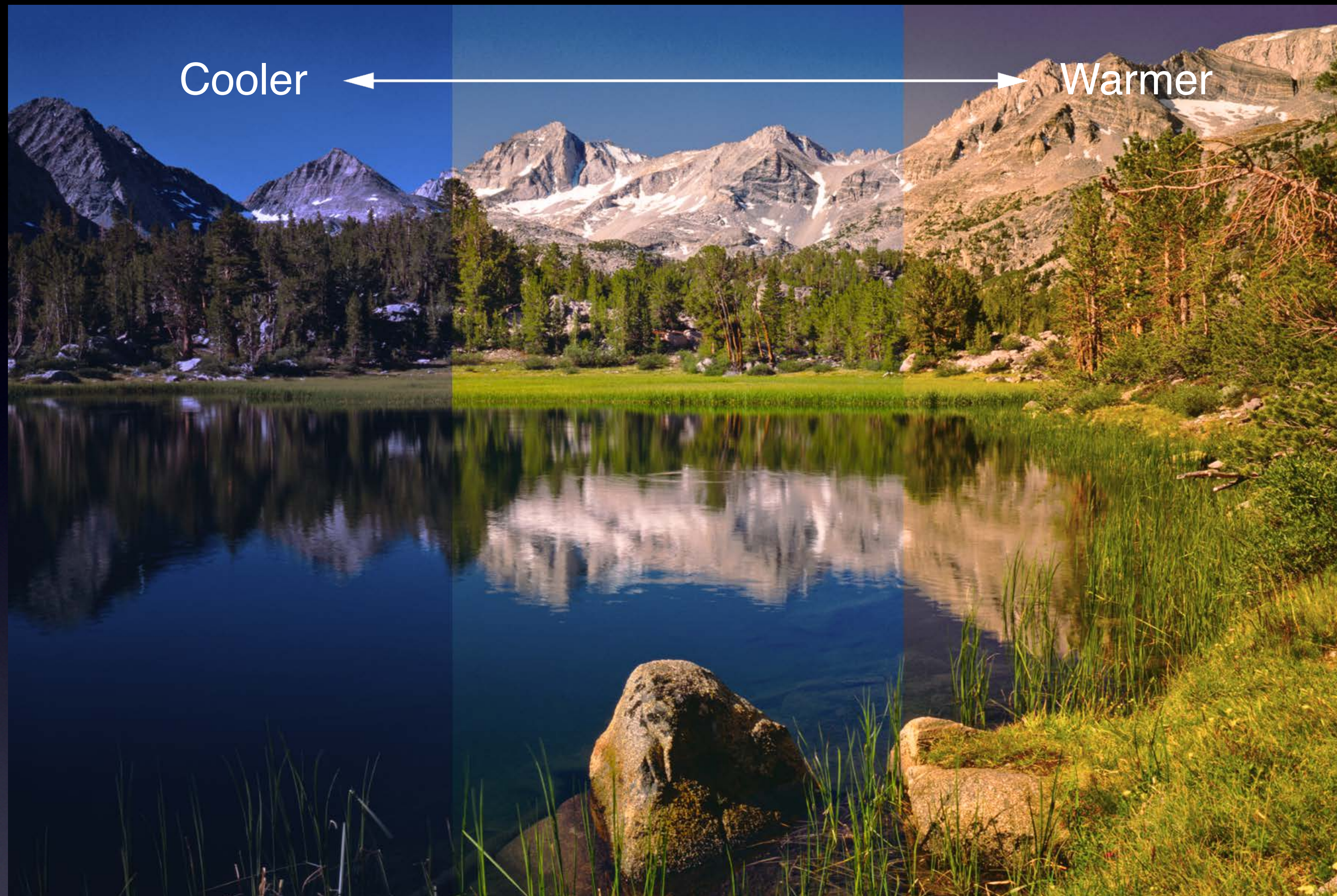
AVCaptureDevice

Manual controls

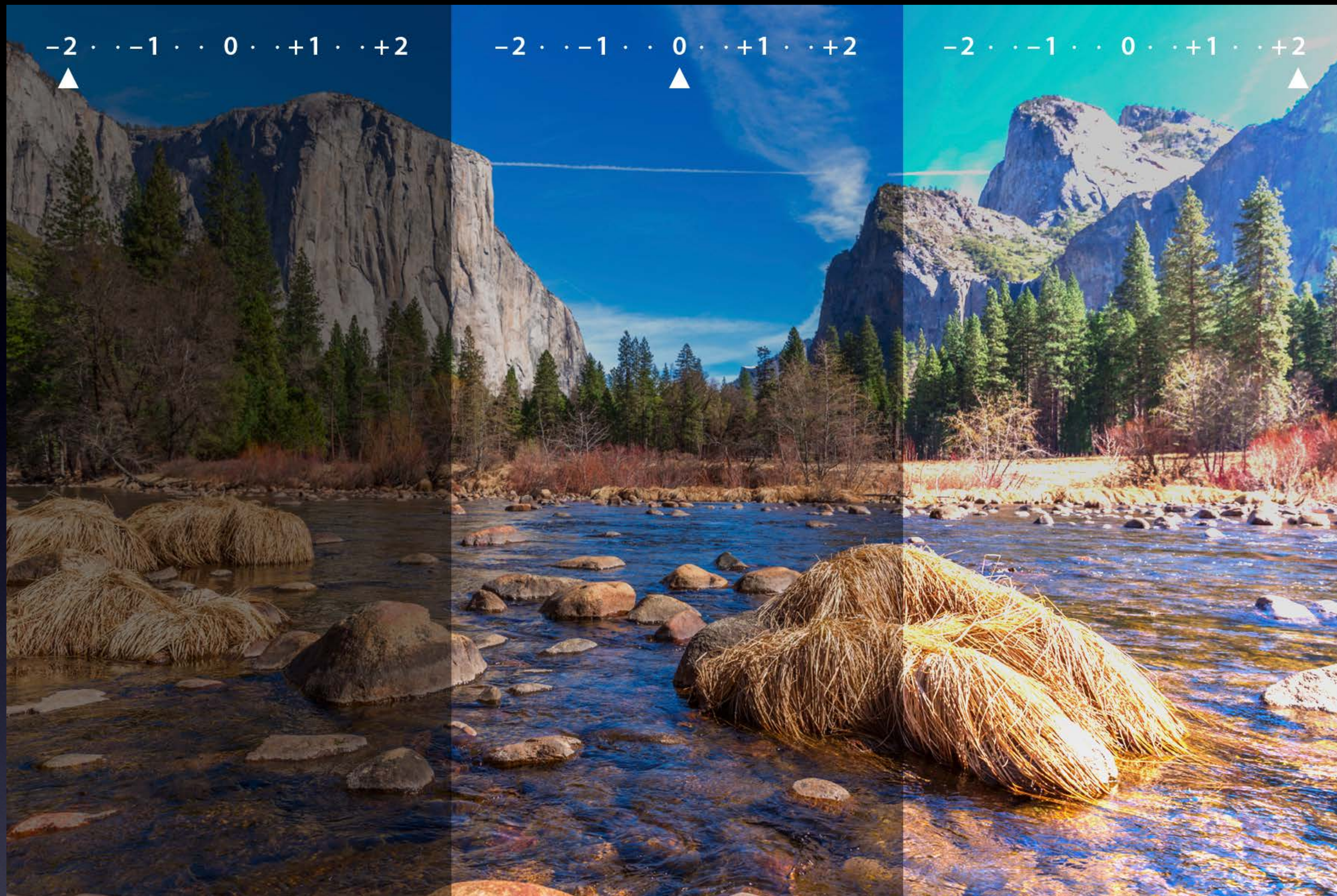
Bracketed capture



Focus



White Balance



Exposure



Bracketed Capture



Bracketed Capture



Hardware encoder access



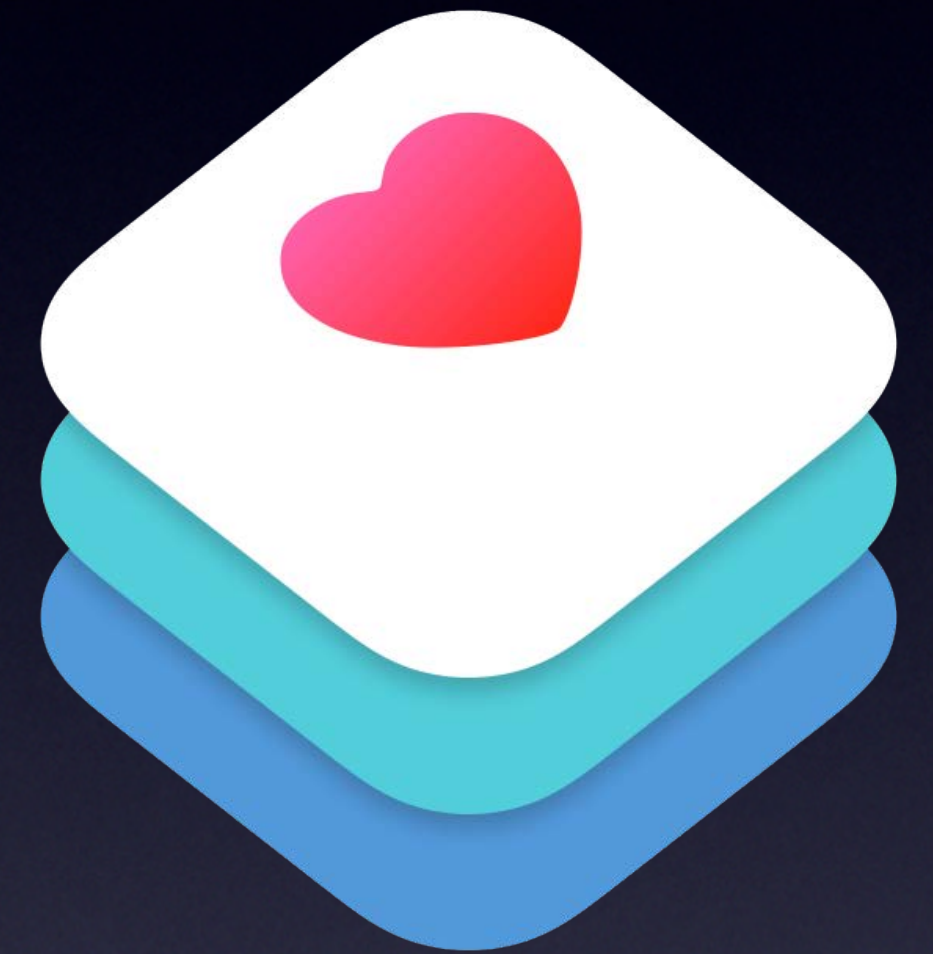
Continuity



HomeKit



Local
Authentication



HealthKit





LAContext

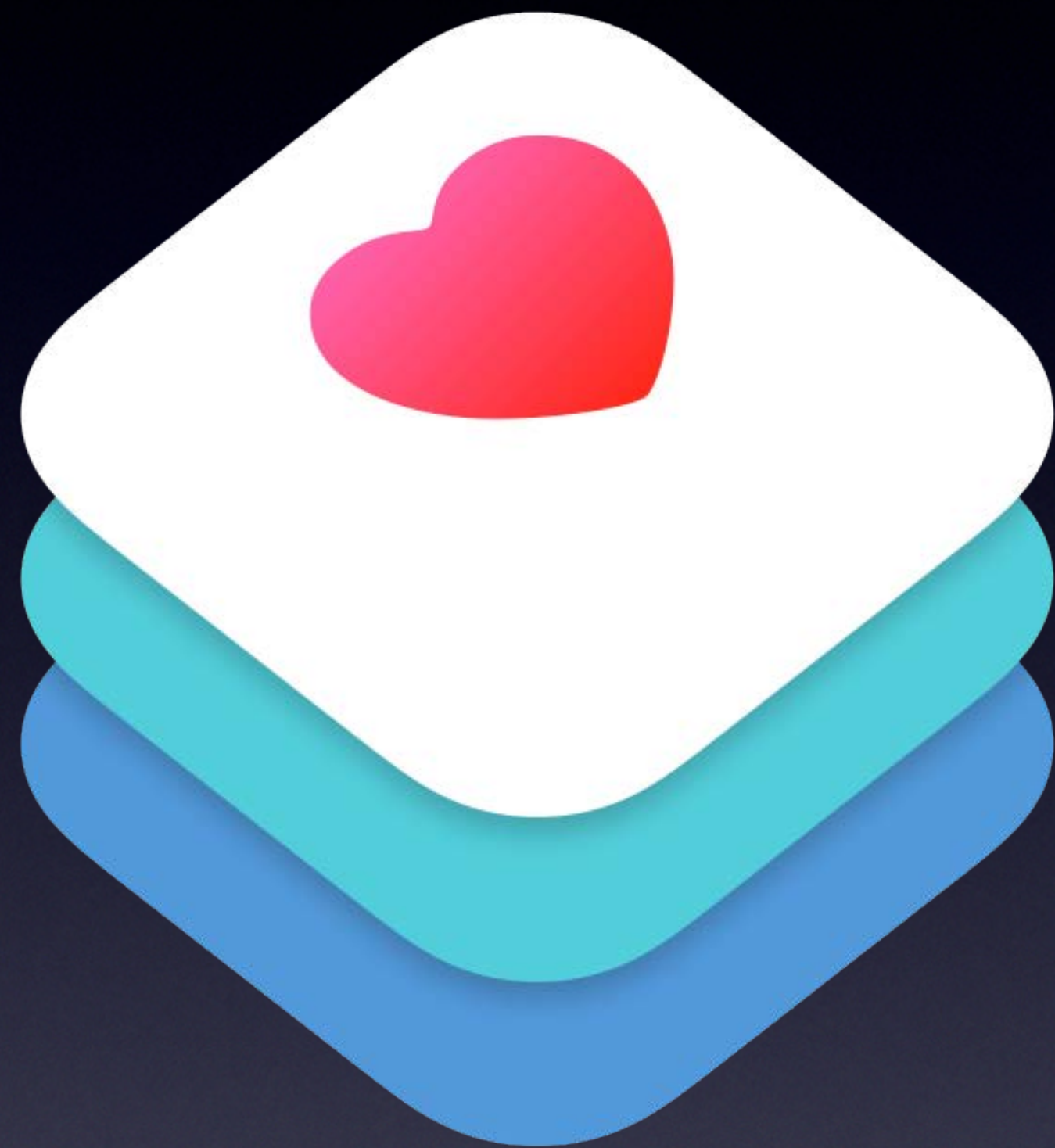
Secure authentication



NSUserActivity

Metadata only

Proximity based



HKHealthStore

Secure health database

Shared across apps and devices







9:41 AM

100%

[← Collections](#) Moments [🔍](#) [Select](#)

Lafayette - Stanley

[Share](#)

St Marys Rd >

Jun 2



Photos



Shared



Albums

Interactive notifications



9:41 AM

100%

[← Collections](#) Moments [🔍](#) [Select](#)

Lafayette - Stanley

[Share](#)

St Marys Rd >

Jun 2



Photos



Shared



Albums

Interactive notifications



Publisher meetup in 10m
Invitation from Joshua Swanbeck

Lafayette - Stanley

St Marys Rd >

Share

Jun 2



Photos



Shared



Albums

Interactive notifications



Publisher meetup in 10m
Invitation from Joshua Swanbeck

Lafayette - Stanley

St Marys Rd >

Share

Jun 2



Photos

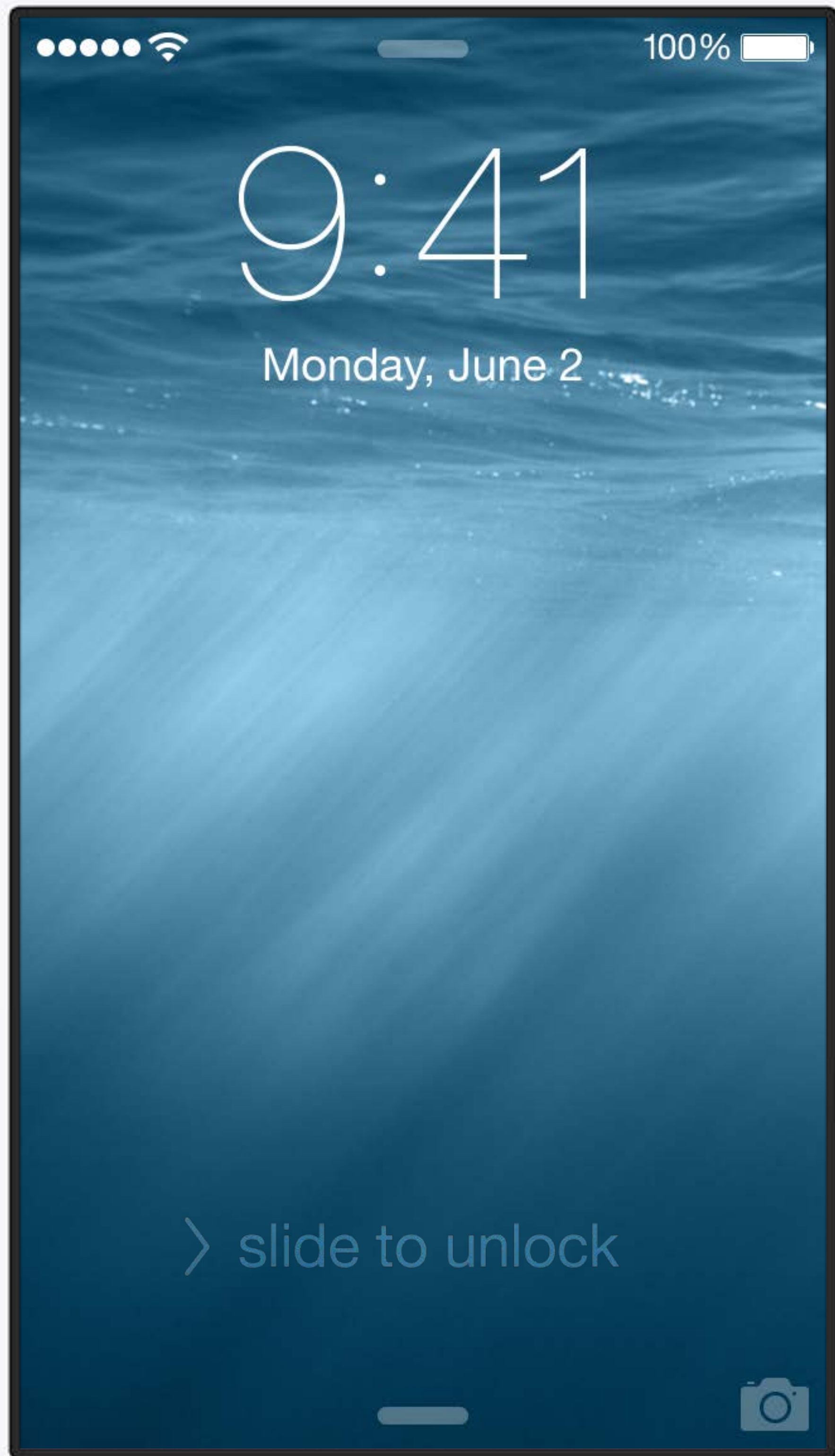


Shared

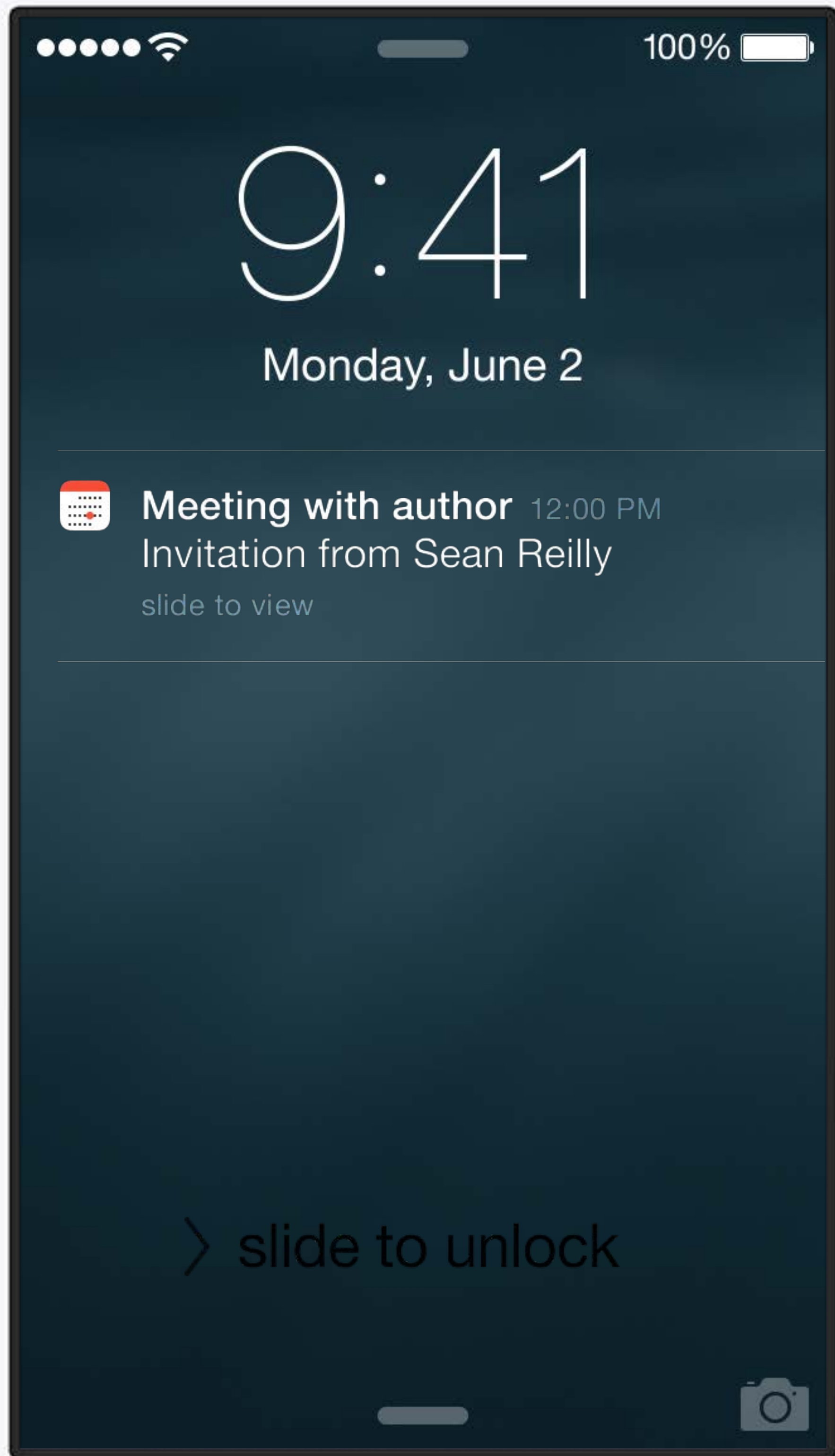


Albums

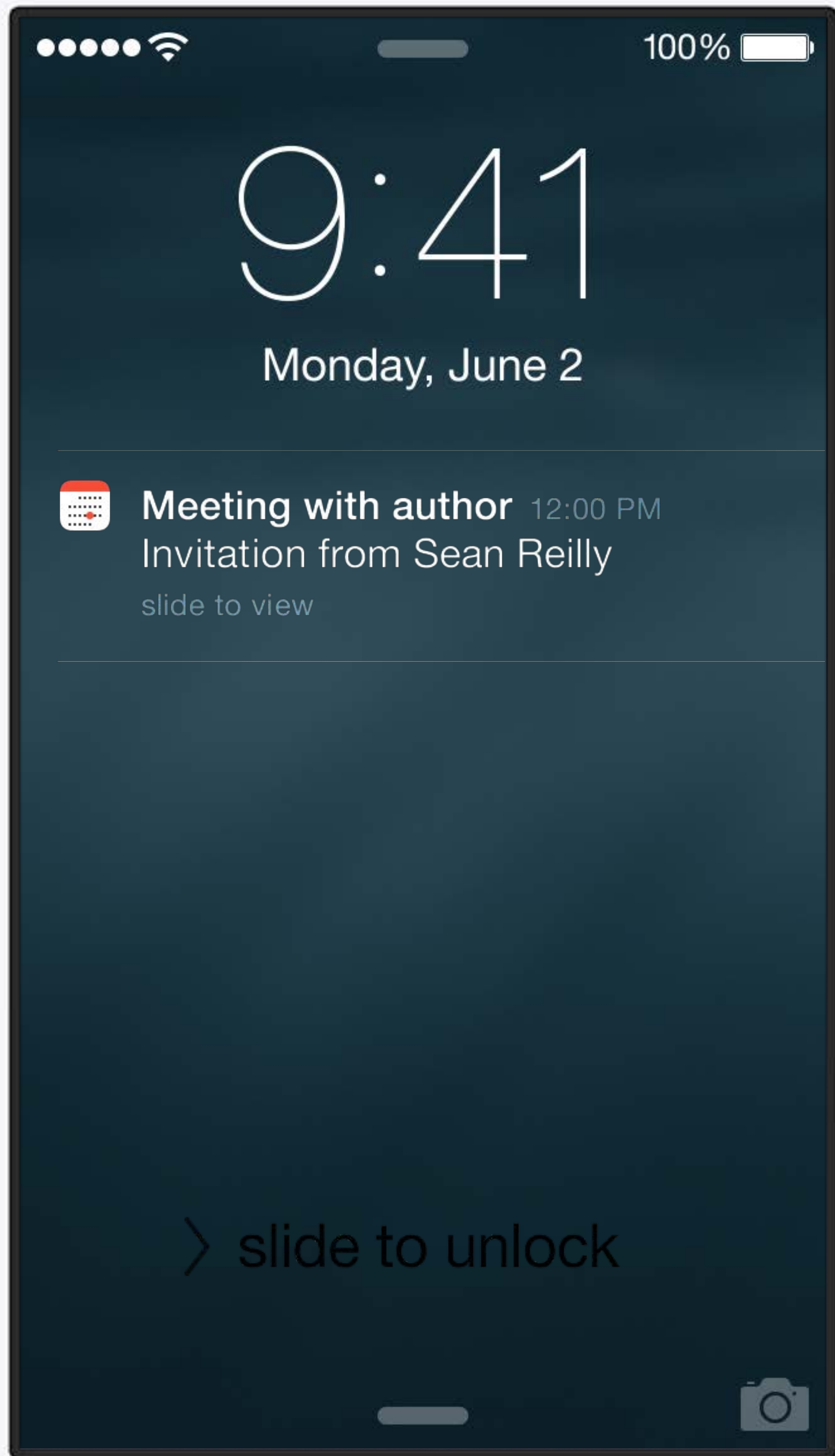
Interactive notifications



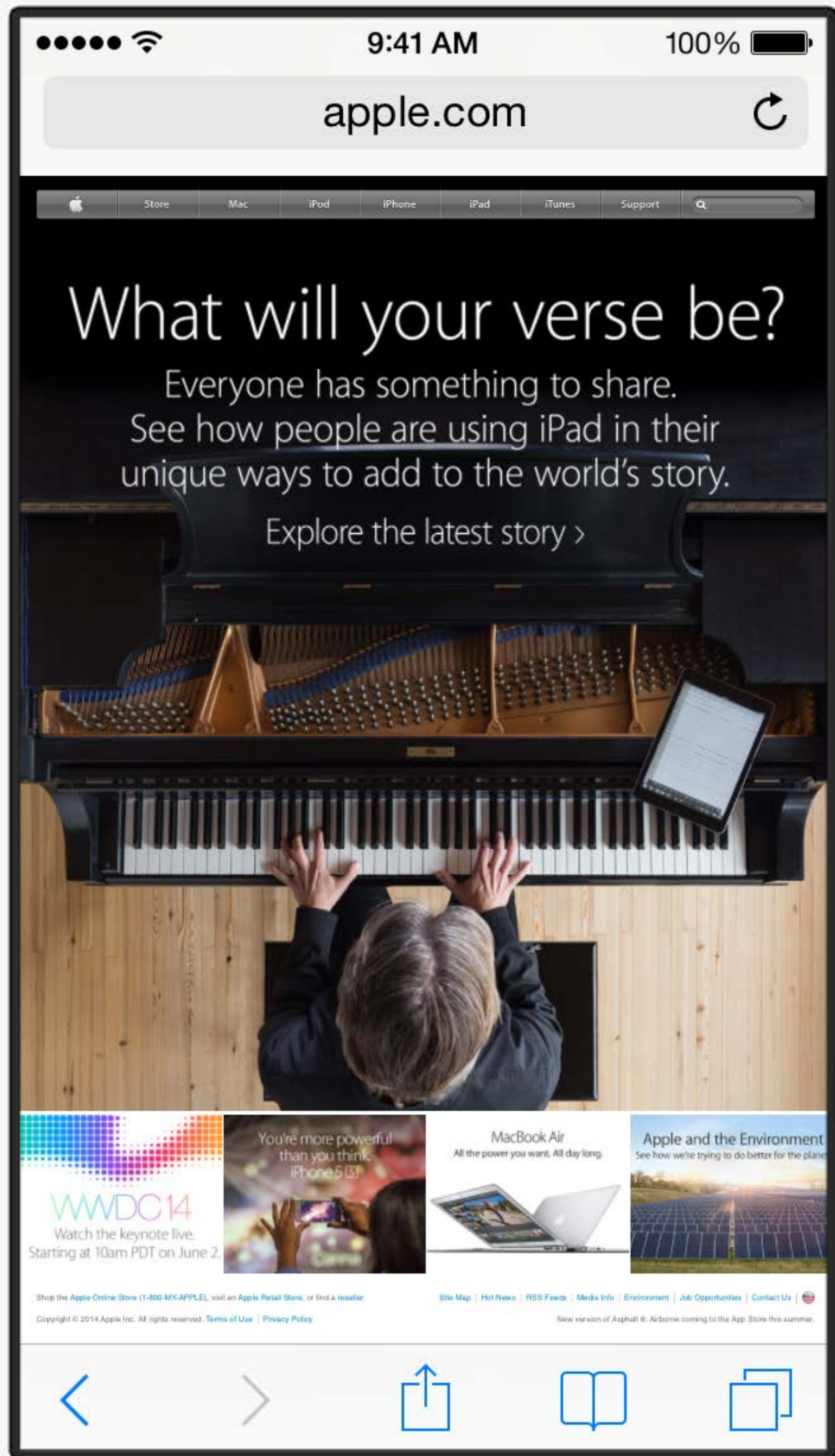
Interactive notifications



Interactive notifications



Interactive notifications



Condensing bars



Store

Mac

iPod

iPhone

iPad

iTunes

Support



What will your verse be?

Everyone has something to share. See how people are using iPad in their unique ways to add to the world's story.

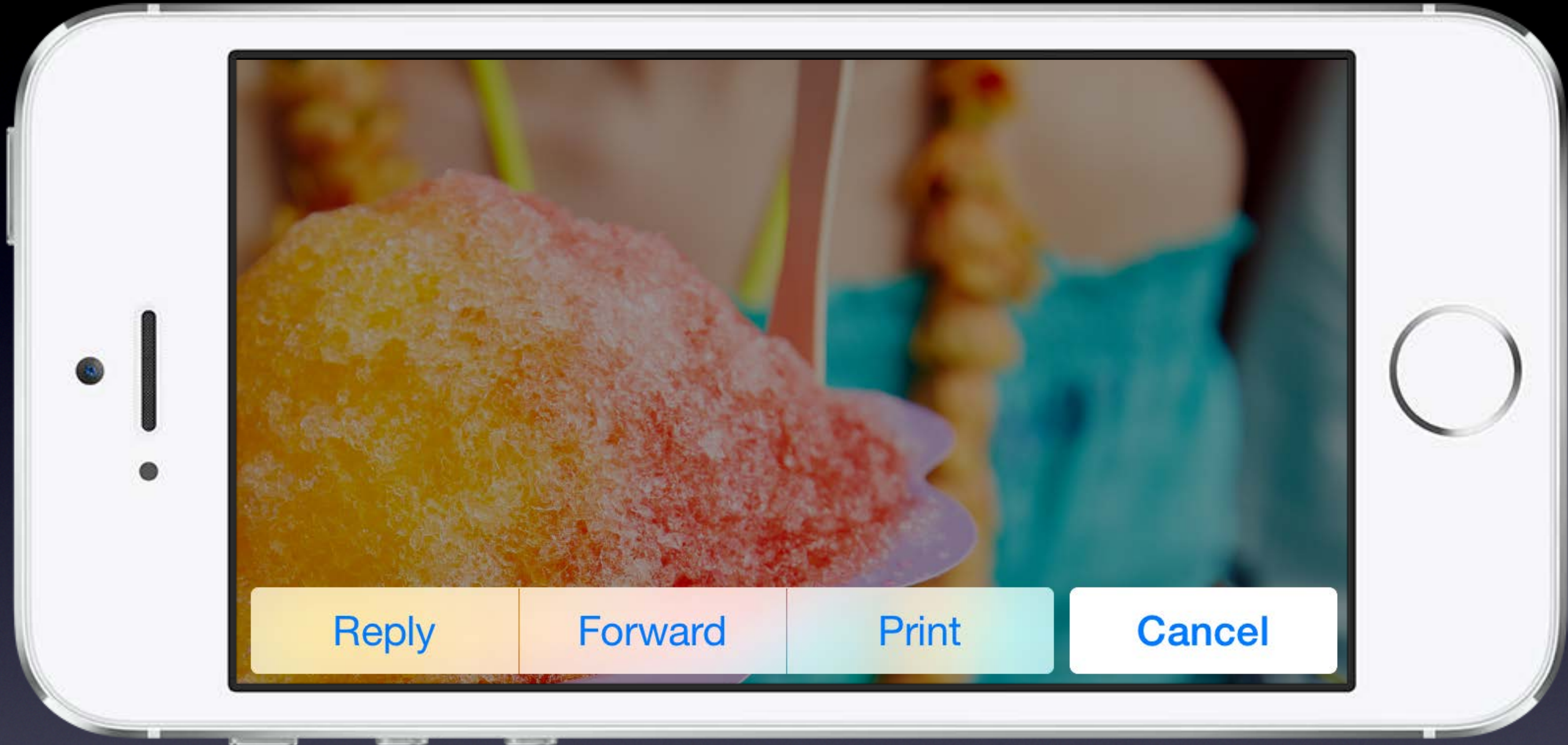
[Explore the latest story >](#)



You're more powerful

MacBook Air

Apple and the Environment



Compact Action Sheets



9:41 AM

100%

Inbox

1 of 30

Edit

Leading values used here have been updated to match the latest specs

38 Distance is the Subheadline leading (38px)

Victor Harris

Headline 3

Subheadline

Details

30

To: Sandra Brooks

Subheadline

38 Distance is the Subheadline leading (38px)

26 Distance is 2/3 of the Subheadline leading rounded up (38px)

Lunch plans for our outing this weekend in Berkeley

Headline 2

30

March 30, 2013, 1:42 PM

Subheadline

38 Distance is the Subheadline leading (38px)

26 Distance is 2/3 of the Subheadline leading rounded up (38px)

Berkeley has a cool summer climate

Body

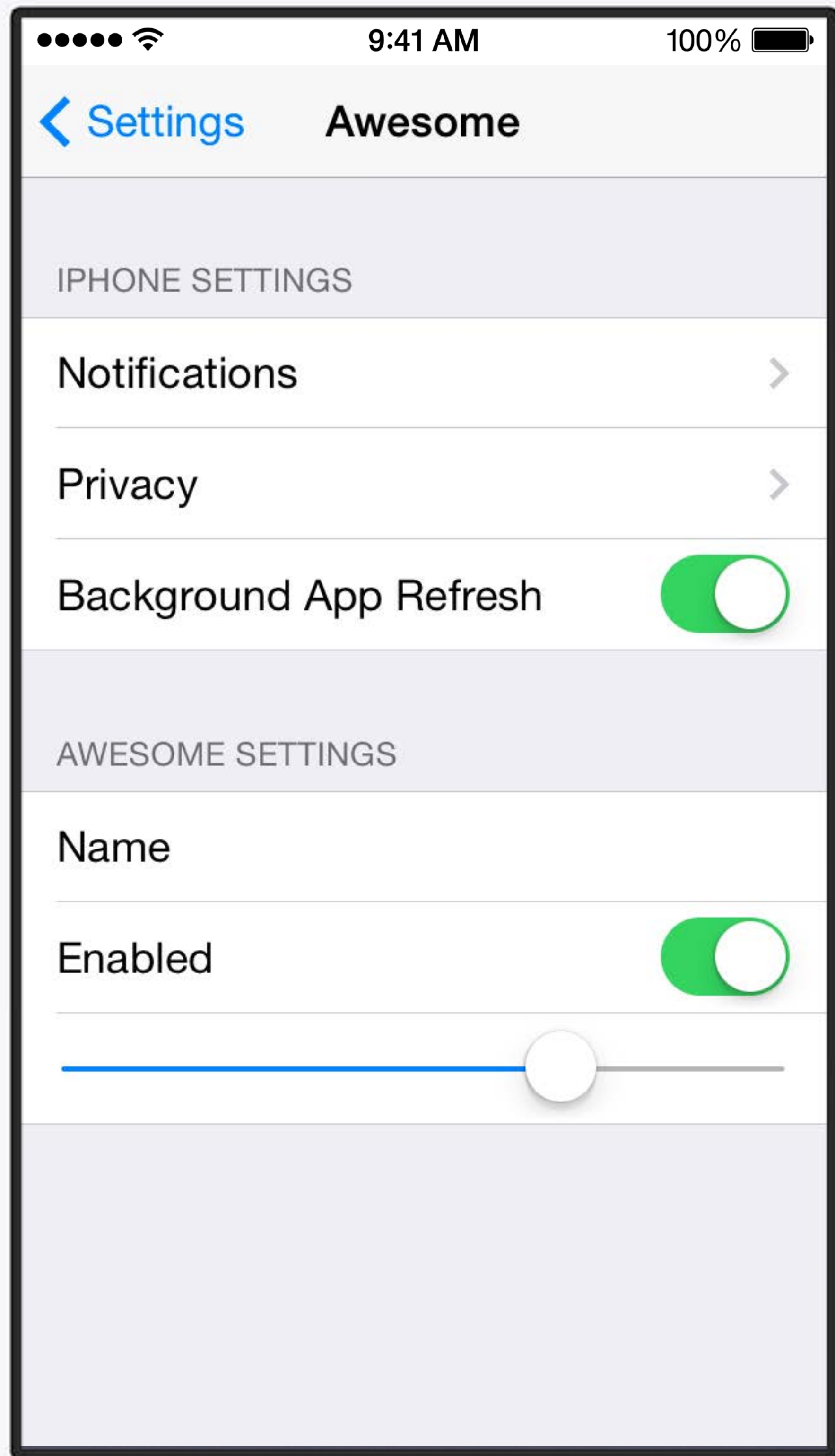
with dry summers and wet winters. The summers are cooler thanks to ocean currents along the California coast. These help produce cool and foggy nights and mornings. Berkeley's location directly opposite the Golden Gate ensures that typical eastward fog flow blankets the city more often than its neighbors.

Winter is punctuated with rainstorms of varying ferocity and duration, but also



Icons are placeholder assets (they may have subpixels)

Dynamic type



Combined settings

“Adding landscape to the iPhone isn’t impossible, but it means not doing something else, and right now the many ‘something elses’ are worth a lot more.”

John August, developer of Weekend Read









Food Truck — Main.storyboard
Food Truck | Build Food Truck: Succeeded | Yesterday at 6:33 PM | No Issues

Food Truck
2 targets, iOS SDK 8.0

- Food Truck
 - AppDelegate.h
 - AppDelegate.m
 - MasterViewController.h
 - MasterViewController.m
 - DetailViewController.h
 - DetailViewController.m
 - Main_iPhonefksjdf.storyboard
 - Main.storyboard
 - Images.xcassets
 - Supporting Files
 - Food TruckTests
 - Products

Master View Controller | Detail View Controller | Split View Controller

Navigation Controller | Master View Controller - Master (Table View)

Navigation Controller | Detail View Controller - Detail

Simulated Metrics

- Size: Inferred
- Orientation: Inferred
- Status Bar: Inferred
- Top Bar: Inferred
- Bottom Bar: Inferred

Navigation Controller

- Bar Visibility
 - Shows Navigation Bar
 - Shows Toolbar

View Controller

- Title: []
- Initial Scene
 - Is Initial View Controller
- Layout
 - Adjust Scroll View Insets
 - Hide Bottom Bar on Push
 - Resize View From NIB
 - Use Full Screen (Deprecated)
- Extend Edges
 - Under Top Bars
 - Under Bottom Bars
 - Under Opaque Bars
- Transition Style: Cover Vertical
- Presentation: Full Screen
- Defines Context
- Provides Context
- Popover
 - Width: 320
 - Height: 768

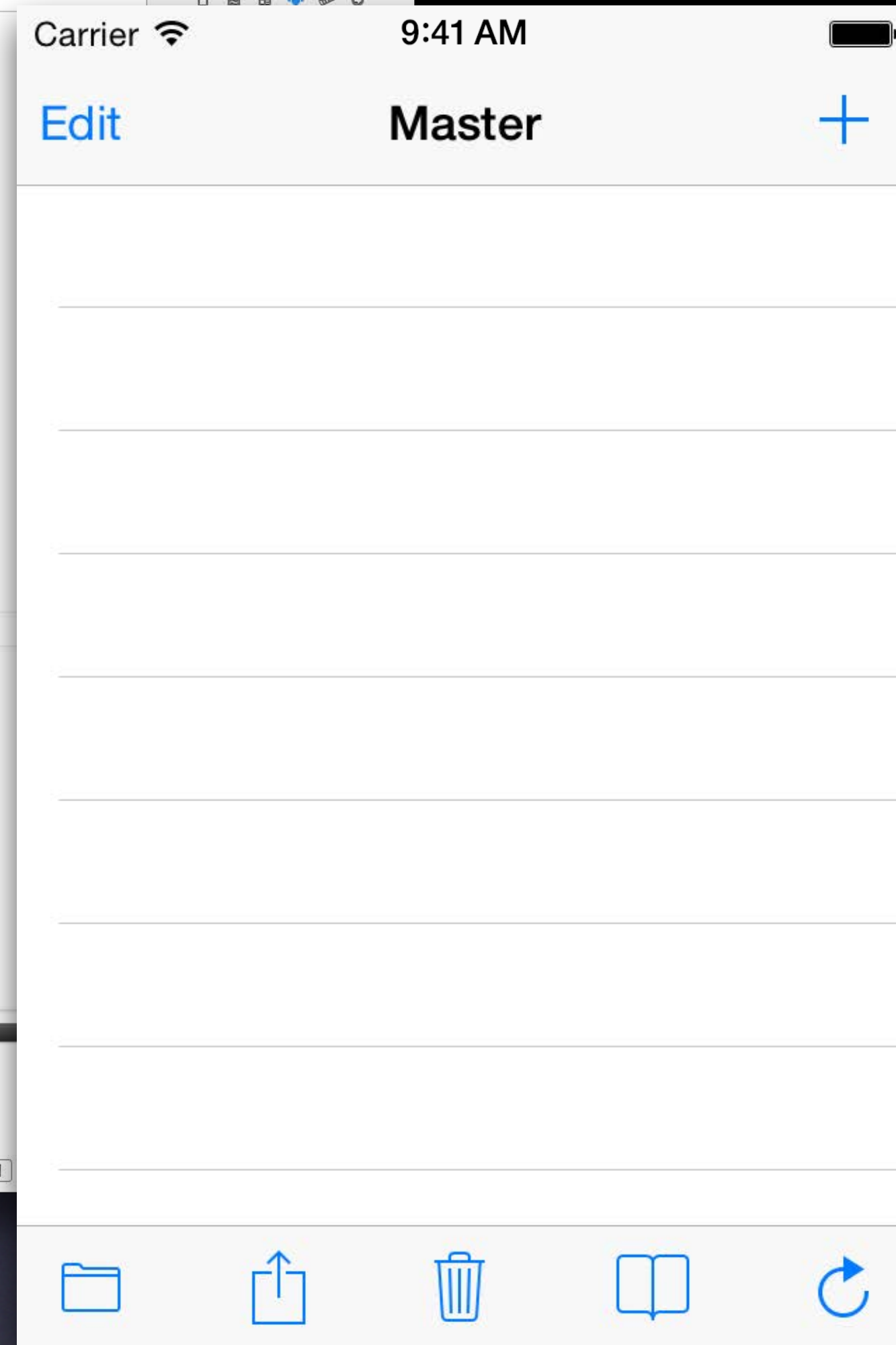
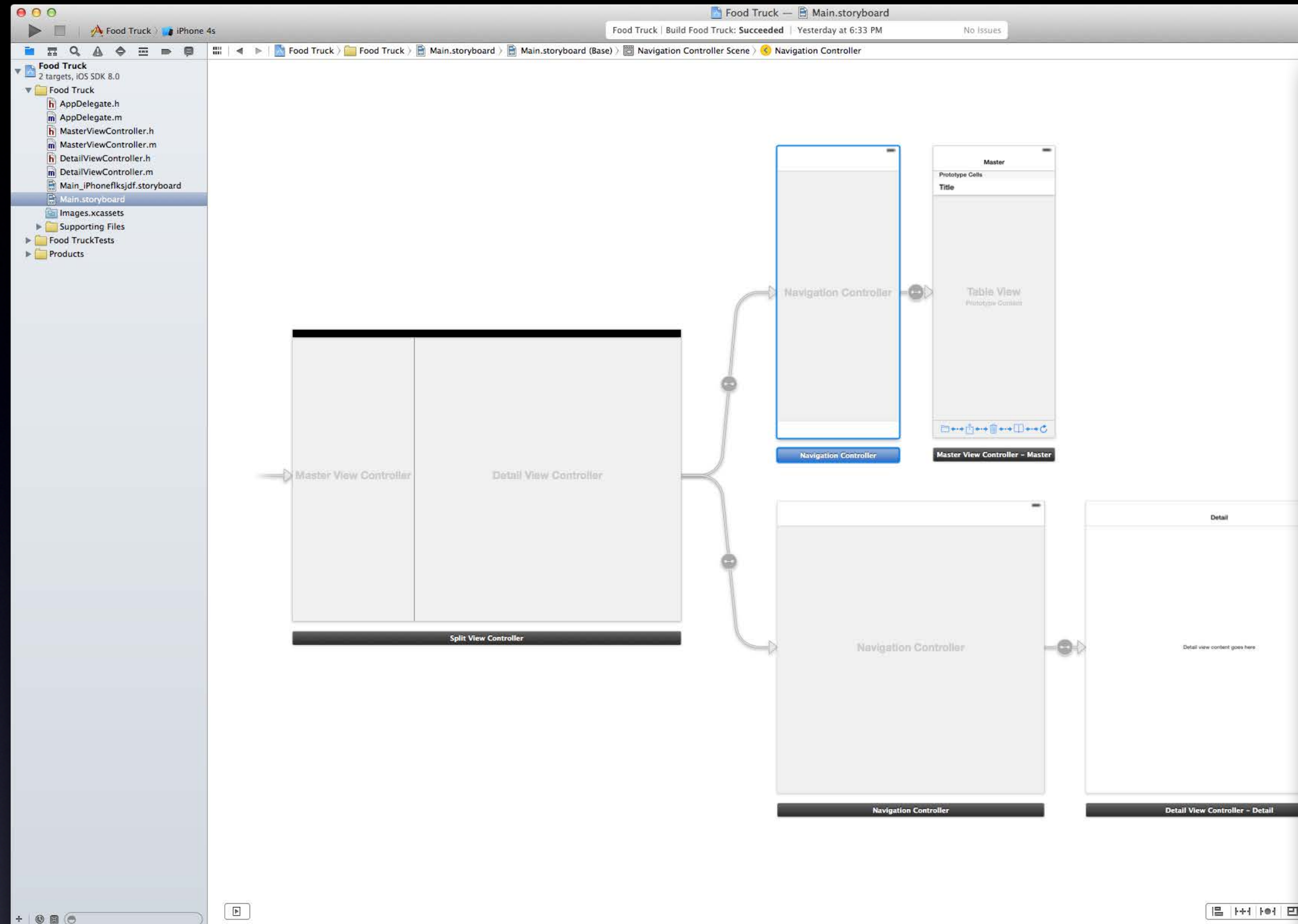
Key Commands

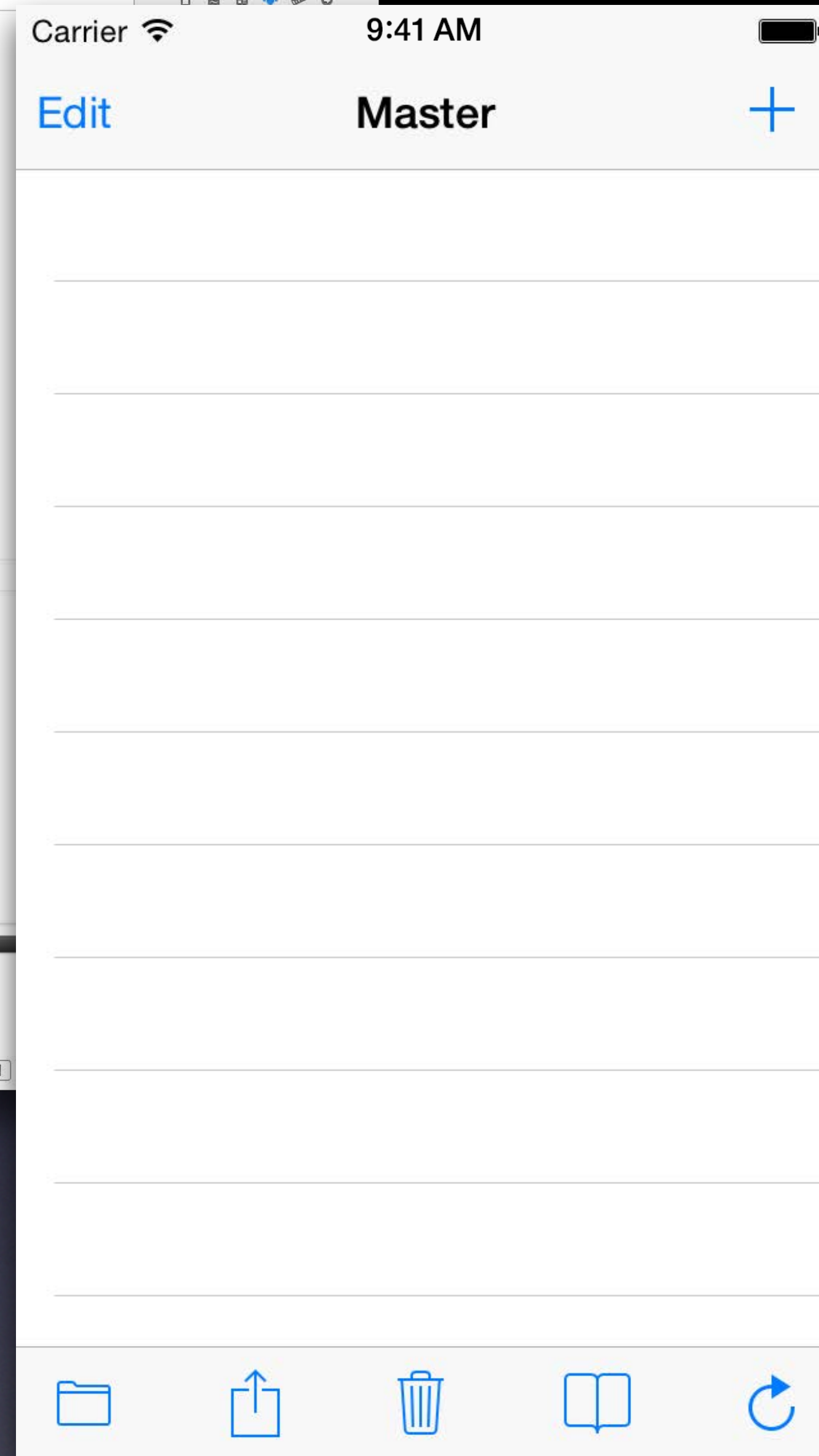
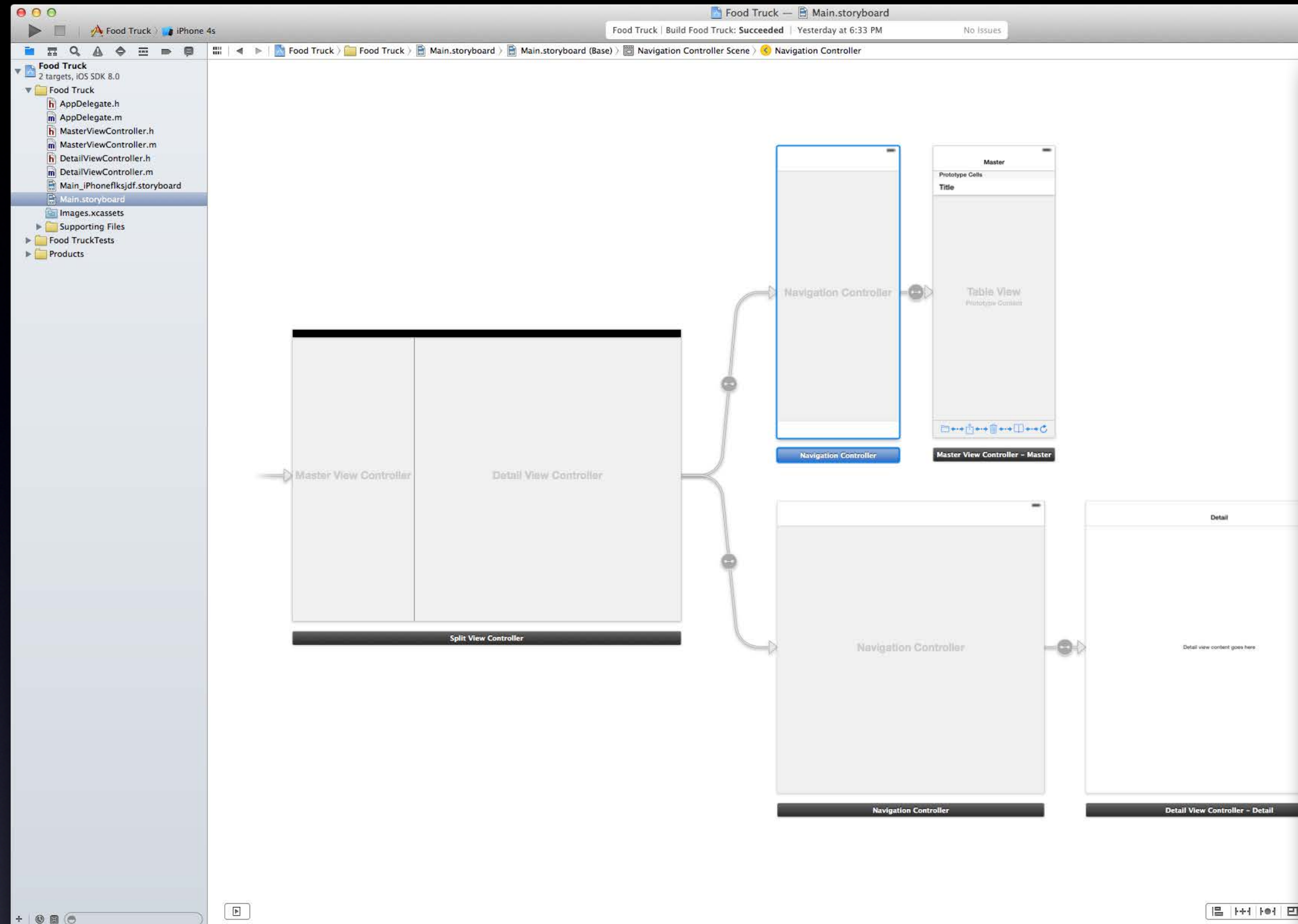
- []
- []
- []
- []

View Controller - A controller that supports the fundamental view-management model in iPhone OS.

Table View Controller - A controller that manages a table view.

Collection View Controller - A controller that manages a collection view.





Food Truck — Main.storyboard

Food Truck | Build Food Truck: Succeeded | Yesterday at 6:33 PM | No Issues

Food Truck
2 targets, iOS SDK 8.0

- Food Truck
 - AppDelegate.h
 - AppDelegate.m
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 - MasterViewController.m
 - DetailViewController.h
 - DetailViewController.m
 - Main_iPhonefksjdf.storyboard
 - Main.storyboard
 - Images.xcassets
 - Supporting Files
 - Food TruckTests
 - Products

Master View Controller

Detail View Controller

Split View Controller

Navigation Controller

Table View

Navigation Controller

Navigation Controller

Simulated Metrics

- Size: Inferred
- Orientation: Inferred
- Status Bar: Inferred
- Top Bar: Inferred
- Bottom Bar: Inferred

Navigation Controller

- Bar Visibility
 - Shows Navigation Bar:
 - Shows Toolbar:

View Controller

- Title:
- Initial Scene: Is Initial View Controller
- Layout
 - Adjust Scroll View Insets:
 - Hide Bottom Bar on Push:
 - Resize View From NIB:
 - Use Full Screen (Deprecated):
- Extend Edges
 - Under Top Bars:
 - Under Bottom Bars:
 - Under Opaque Bars:

Edit Master +

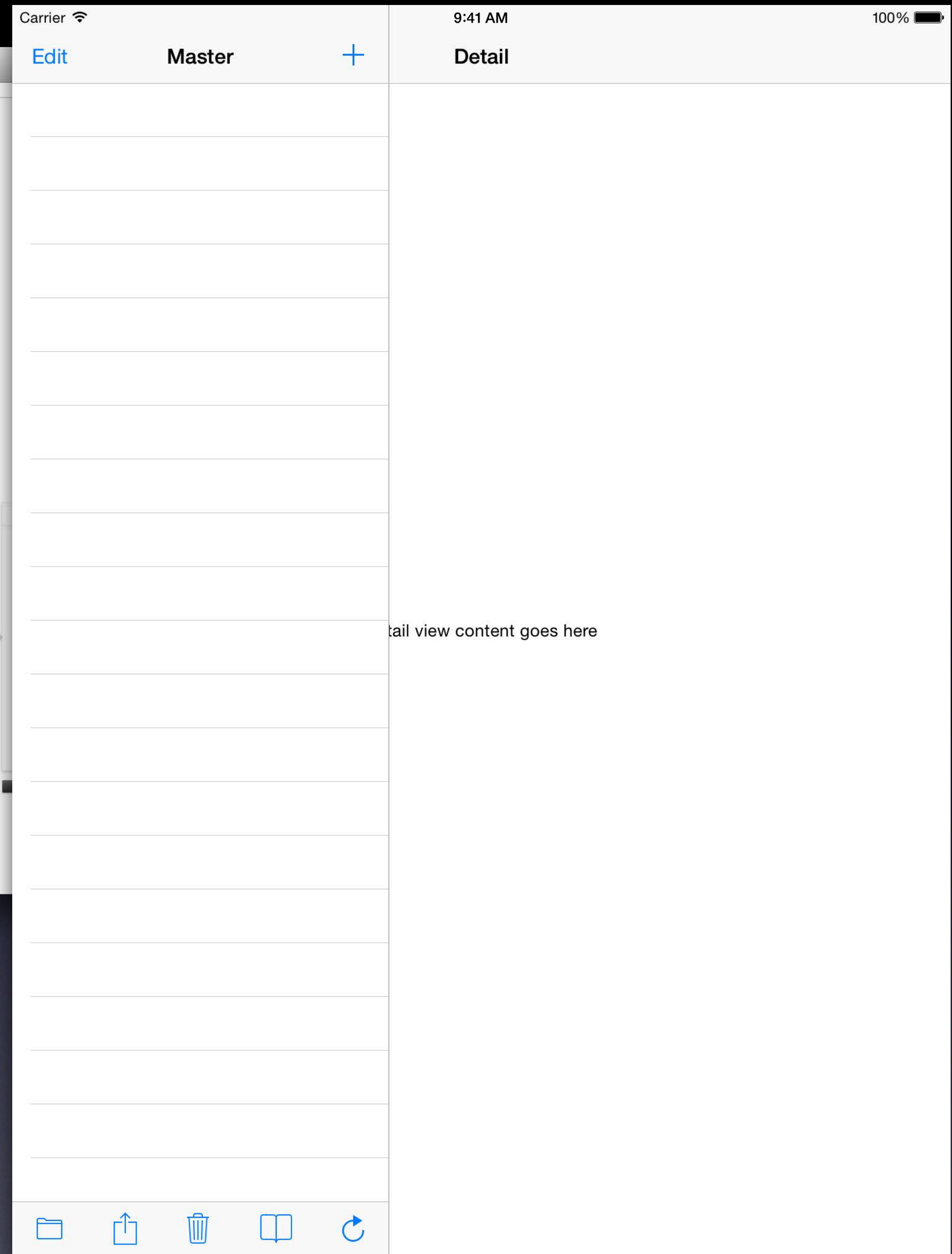
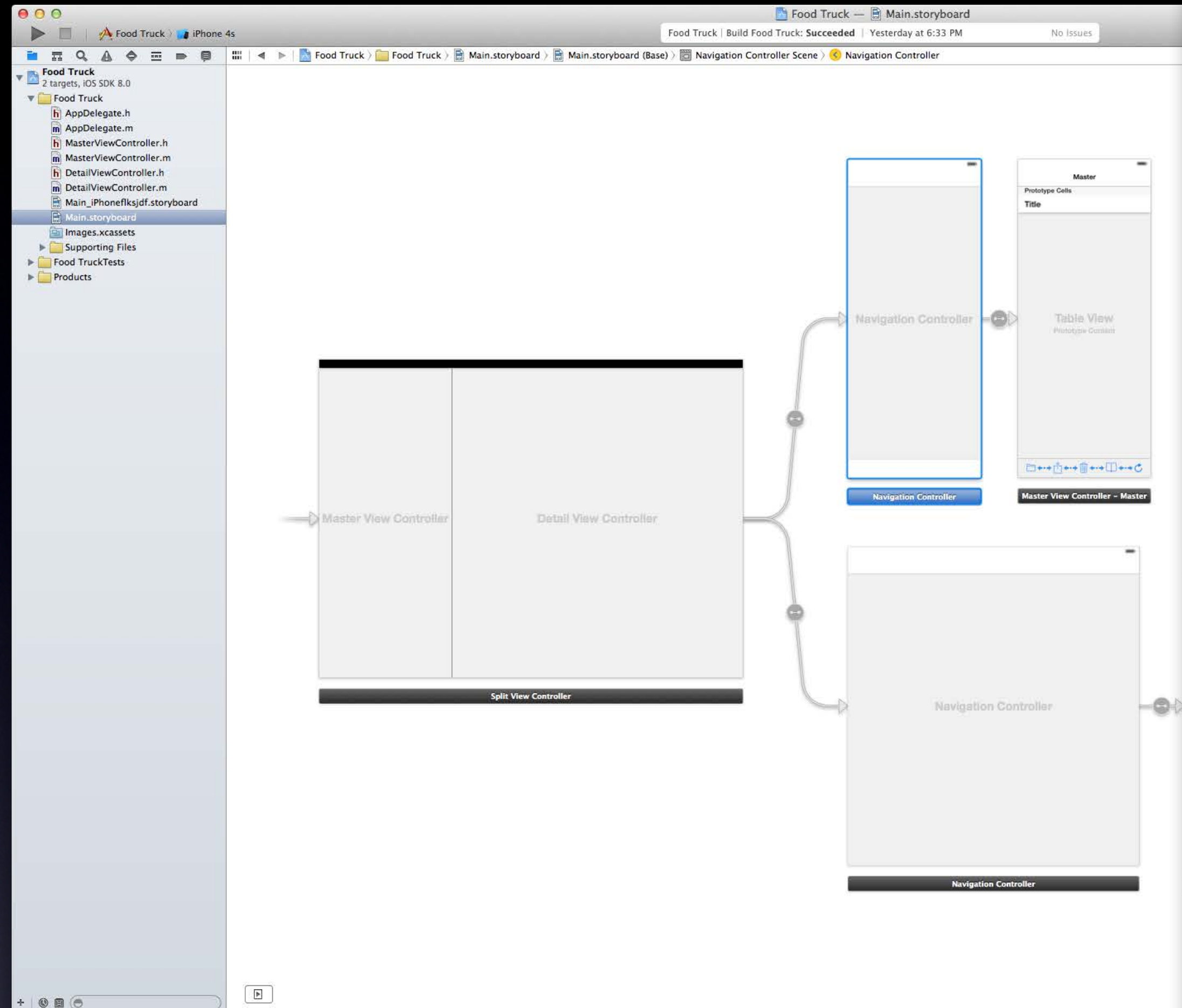
Folder

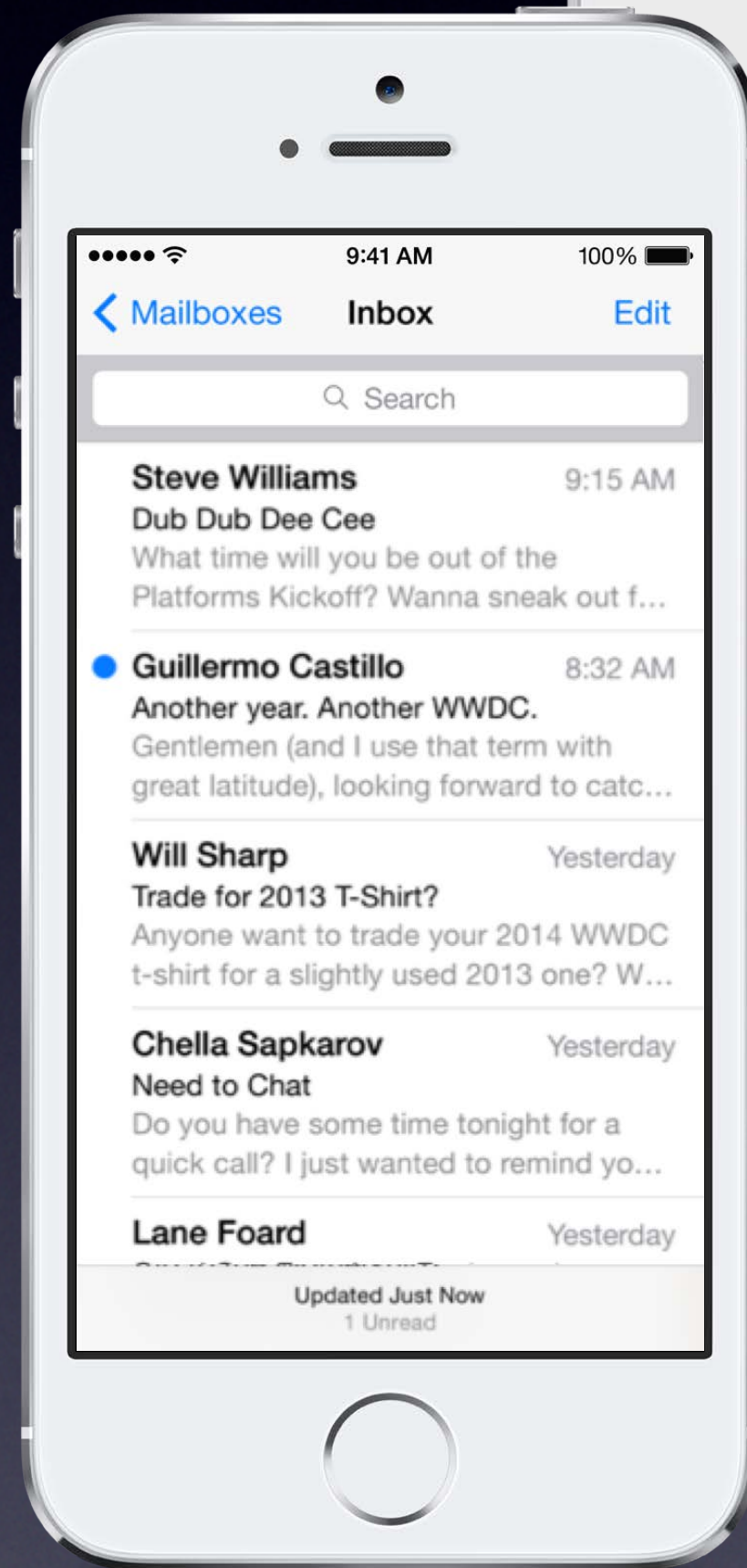
Share

Trash

Bookmarks

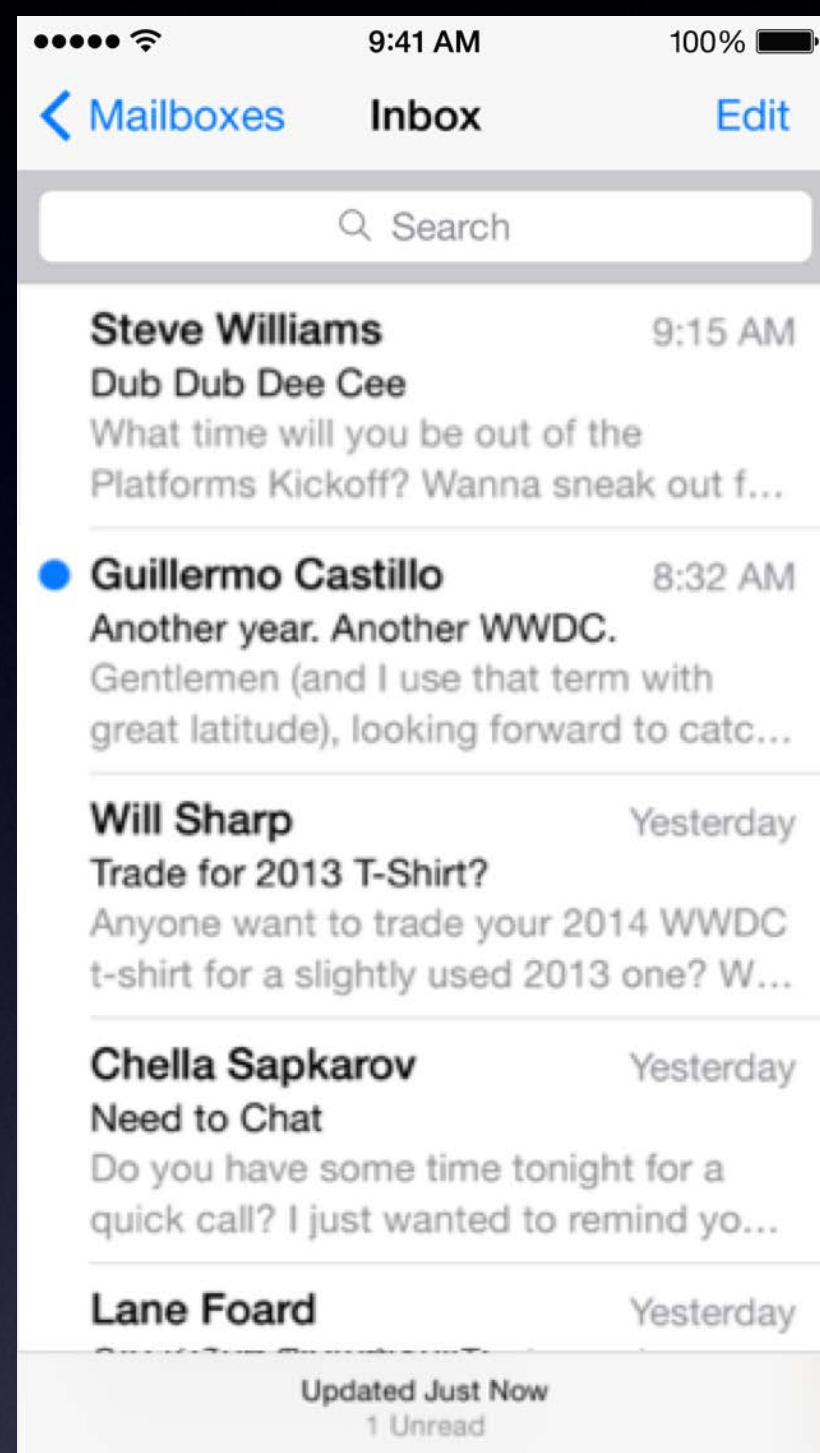
Refresh



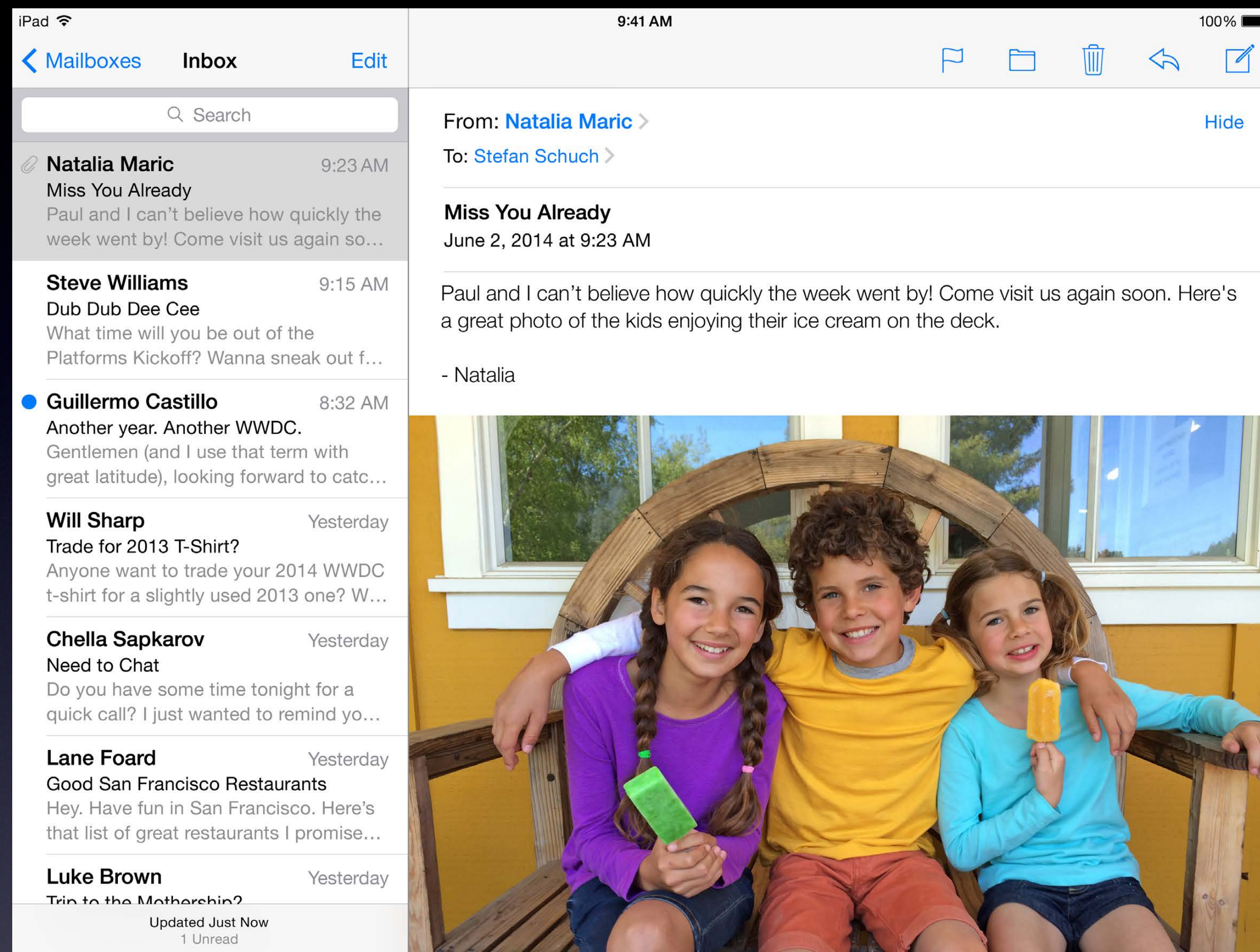




Size Classes



Compact



Regular

Search

Natalia Maric 9:23 AM
Miss You Already
Paul and I can't believe how quickly the week went by! Come visit us again so...

Steve Williams 9:15 AM
Dub Dub Dee Cee
What time will you be out of the Platforms Kickoff? Wanna sneak out f...

Guillermo Castillo 8:32 AM
Another year. Another WWDC.
Gentlemen (and I use that term with great latitude), looking forward to catc...

Will Sharp Yesterday
Trade for 2013 T-Shirt?
Anyone want to trade your 2014 WWDC t-shirt for a slightly used 2013 one? W...

Chella Sapkarov Yesterday
Need to Chat
Do you have some time tonight for a quick call? I just wanted to remind yo...

Lane Foard Yesterday
Good San Francisco Restaurants
Hey. Have fun in San Francisco. Here's that list of great restaurants I promise...

Luke Brown Yesterday
Trip to the Mothership?

Updated Just Now
1 Unread

From: **Natalia Maric** > Hide
To: **Stefan Schuch** >

Miss You Already
June 2, 2014 at 9:23 AM

Paul and I can't believe how quickly the week went by! Come visit us again soon. Here's a great photo of the kids enjoying their ice cream on the deck.

- Natalia



Search

Natalia Maric 9:23 AM
Miss You Already
Paul and I can't believe how quickly the week went by! Come visit us again so...

Steve Williams 9:15 AM
Dub Dub Dee Cee
What time will you be out of the Platforms Kickoff? Wanna sneak out f...

Guillermo Castillo 8:32 AM
Another year. Another WWDC.
Gentlemen (and I use that term with great latitude), looking forward to catc...

Will Sharp Yesterday
Trade for 2013 T-Shirt?
Anyone want to trade your 2014 WWDC t-shirt for a slightly used 2013 one? W...

Chella Sapkarov Yesterday
Need to Chat
Do you have some time tonight for a quick call? I just wanted to remind yo...

Lane Foard Yesterday
Good San Francisco Restaurants
Hey. Have fun in San Francisco. Here's that list of great restaurants I promise...

Luke Brown Yesterday
Trip to the Mothership?

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Adaptive UI

Demo



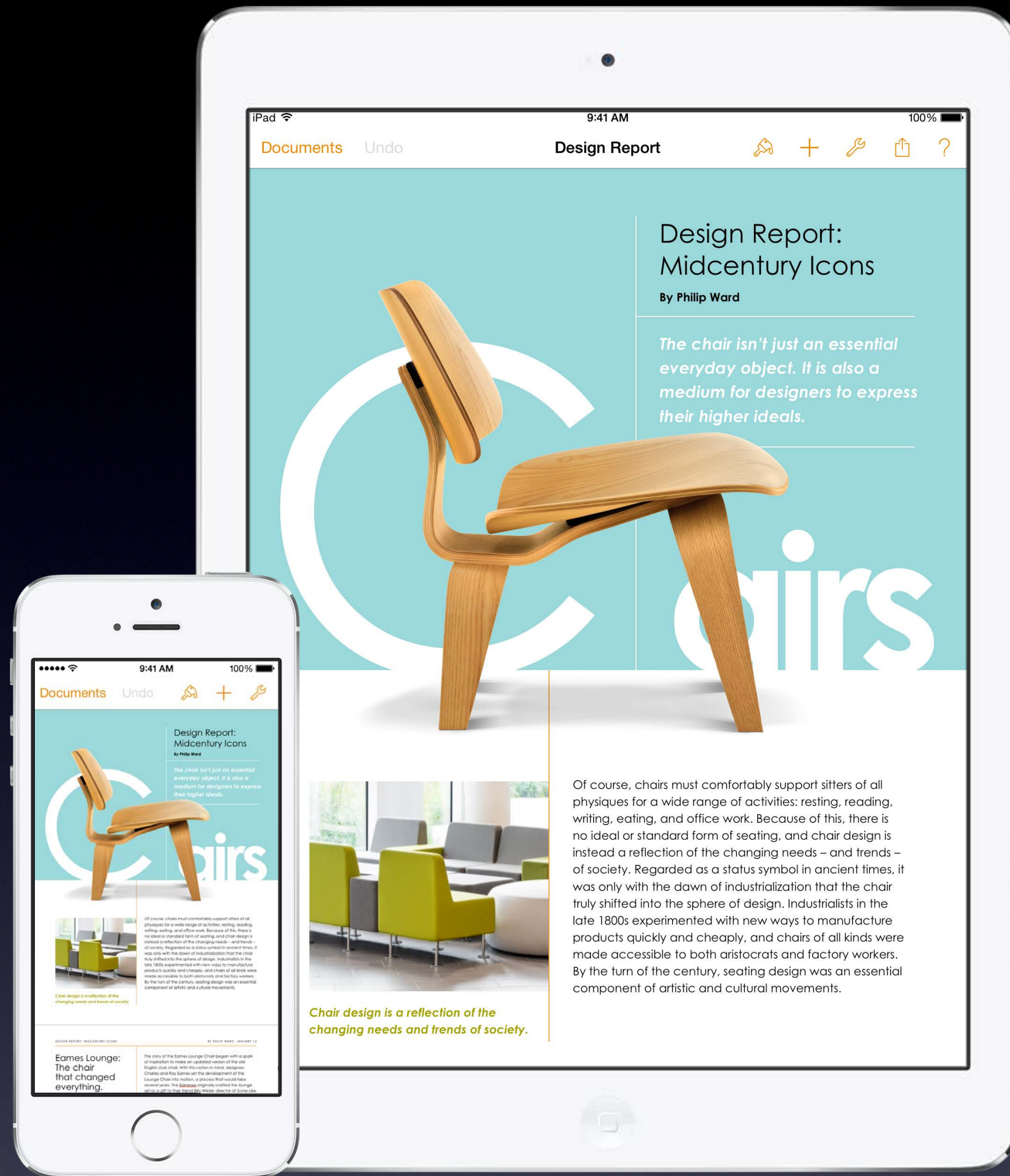




Over 400 million users



iCloud Drive



Documents in the Cloud



9:41 AM 100%
iCloud Done
Search
Keynote 23 items
Numbers 8 items
Pages 127 items
GoodReader 1 item
SketchBook Pro 3 items
Menu 2.7 MB
Permission Slip 26 KB
Time Sheet 3 MB
House Remodel 8 items

Back My Gallery deviantART Edit
25 Sketches No Selection -deviantART
iCloud Done
Search
Keynote 23 items
Numbers 8 items
Pages 20 items
GoodReader 4 items
SketchBook Pro 3 items
Menu 2.7 MB
Permission Slip 26 KB
Time Sheet 3 MB
House Remodel 8 items

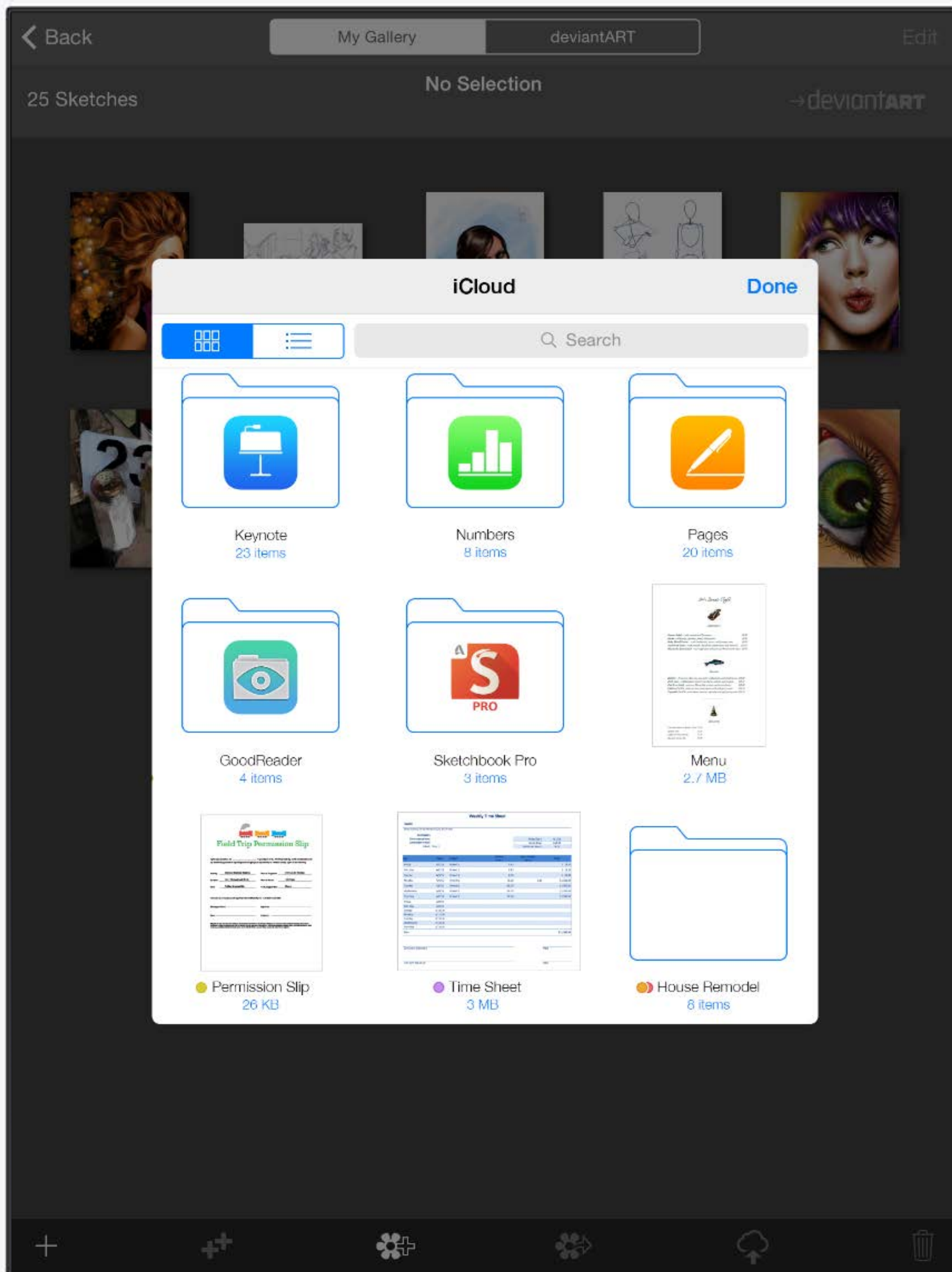
Finder File Edit View Go Window Help
Mon 9:41 AM
iCloud
Search
Favorites
All My Files
AirDrop
iCloud
Applications
Desktop
Documents
Downloads
Devices
Remote Disc
Shared
All...
Tags
Important
Home
School
Finance
Travel
Work
All Tags...
Keynote
Numbers
Pages
GoodReader
SketchBook Pro
DOC Menu
PDF Permission Slip
XLSX Time Sheet
House Remodel
DOC Cover Letter
XLSX Monthly Budget
Work
Day at the beach
Business Letter
Summer Plans
Local Calendars



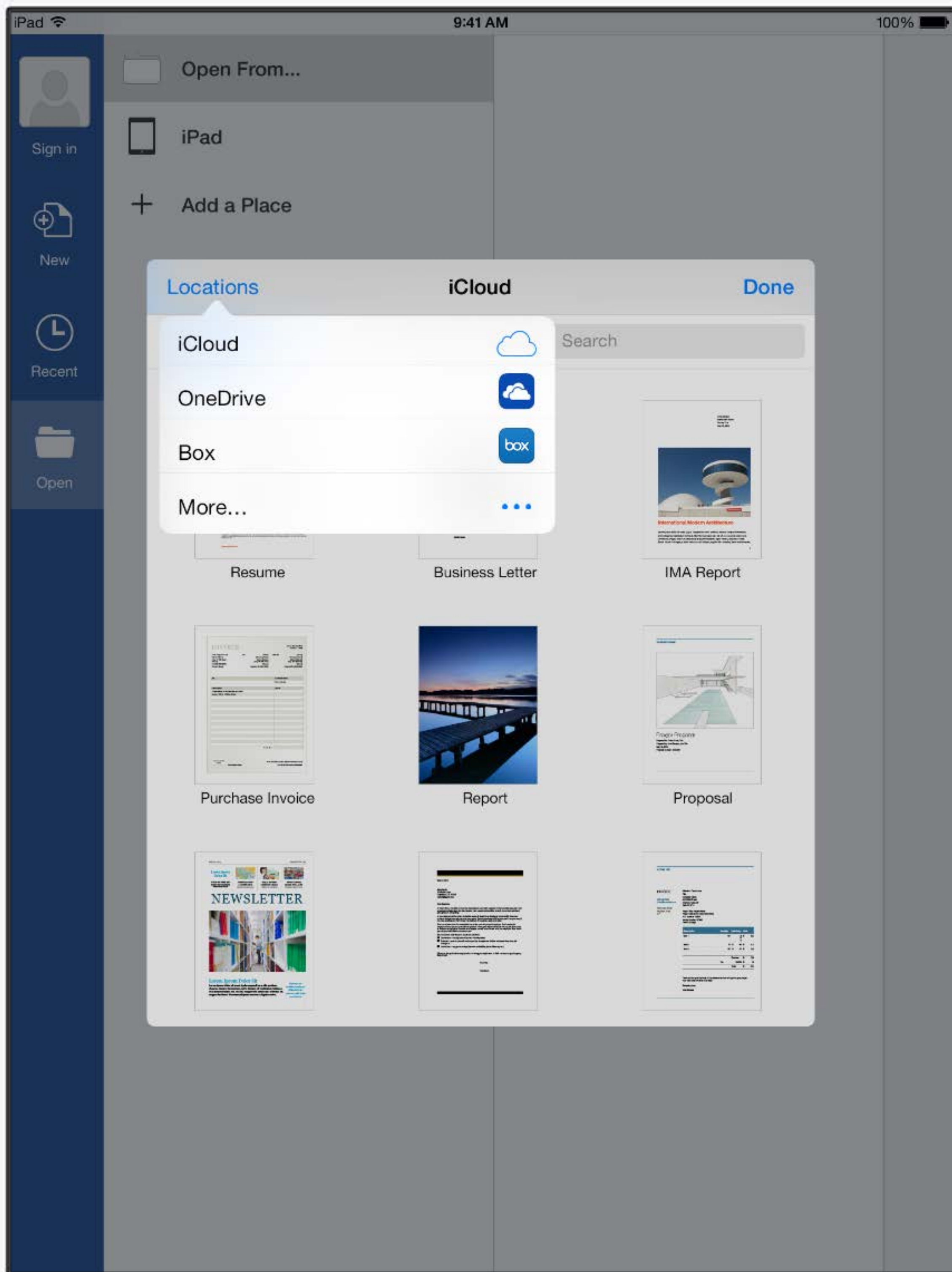
Documents Everywhere



Documents Everywhere



UIDocumentPicker



Document providers



CloudKit





Your App

Write app code

Deploy app



Your Server

Write server code

Operate services

Deploy servers



Your App

Write app code

Deploy app



Your Server

Operate services

Deploy servers



Your App

Write app code

Deploy app



Your Server

Operate services

Deploy servers



Your App

Write app code

Deploy app



Your Server

Deploy servers



Your App

Write app code

Deploy app



Your Server

Deploy servers



Your App

Write app code

Deploy app



Your Server



Your App

Write app code

Deploy app



Your Server



Your App

Write app code

Deploy app



Your Server

Give host lots of money



Your App

Write app code

Deploy app

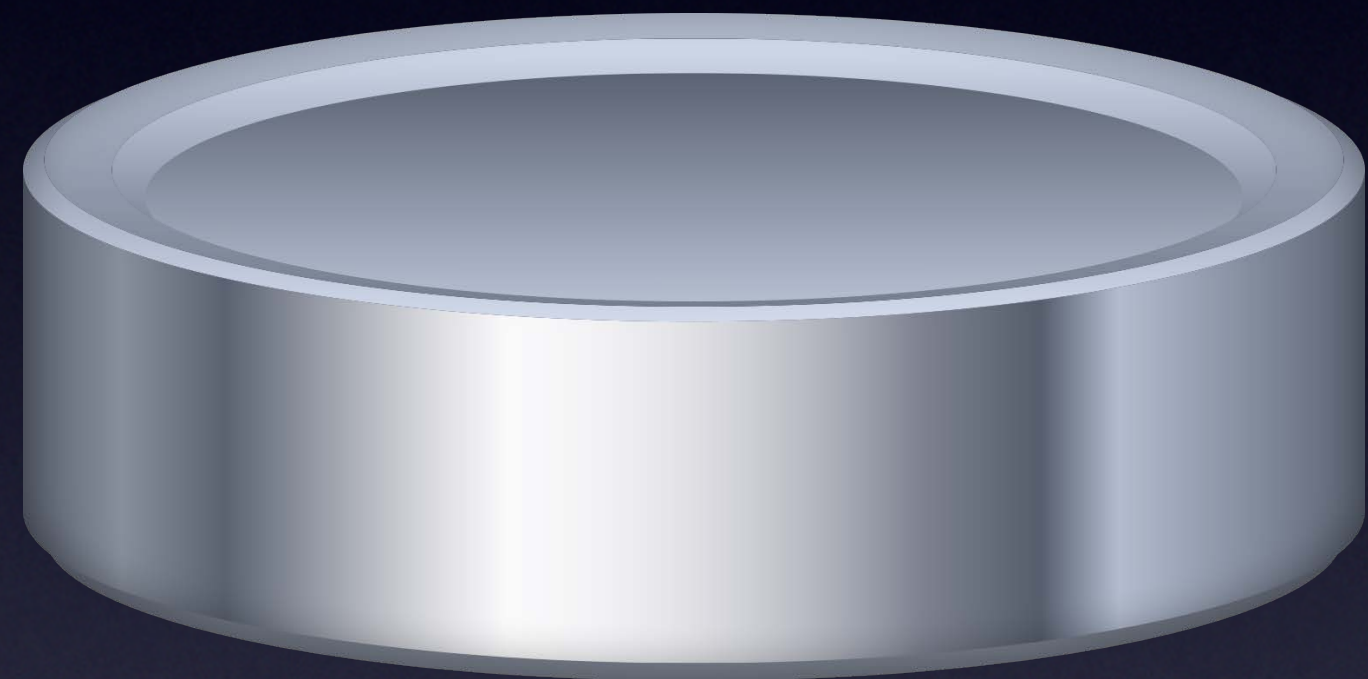


Your Server



Your App

What do you need
in the cloud?



CKRecord

Records

Relationships

Queries



CKAsset

Large data blobs



CKSubscription

Push notifications

icloud.developer.apple.com

Party Party Jordan Breeding Beta

Record Types

Sort by Name

CheckIns 1 Record

Parties 1 Record

PhotoReps 5 Records

Photos 1 Record

Users 3 Records

Parties

Created: May 27 2014 02:03 PM Modified: May 27 2014 02:03 PM Security: Roles

Attribute Name	Attribute Type
location	Location
name	String
radius	Double

[Add Attribute...](#)

Environment: DEVELOPMENT

Developer Portal





Free with limits



1 PB assets

10 TB database

5 TB/day asset transfer

50 GB/day db transfer



10 billion photos









Directions Search Map Satellite

Yosemite National Park

heathceramics.com

Registries Gift Cards

HEATH CERAMICS SINCE 1948

COOK & DINE DECORATE LIVE & PLAY TILE & BUILD

Our classic Coupe dinnerware
Colors galore, endless combinations

Create your collection now

Heath Registry Dwell Patterns Tile David Mellor flatware Made in Calif. since '48

Emily Parker 01:01

Video Mute End

Search

- Brian Ingram** 9:41 AM
Best surfably jazz trio you've ever heard. Am I...
- Aaron Grave...** Yesterday
It's 269 miles to Vegas. We've got a full tank of...
- Matthew Reiff** Yesterday
The student becomes the teacher. And vice versa.
- Euna Kwon** Yesterday
The official footwear of time off.
- Ivy Calhoun** Yesterday
Tomorrow we'll be back in your neighborhood for...
- Jason Bettin...** Yesterday
Trying on new frames—what do you think of th...
- Tyson Edwar...** Yesterday
We'll leave the lights on for you.
- Natalia Maric** Yesterday
Oh, I'm on 21st Street, not 21st Avenue.

To: Matthew Reiff Details

You three gonna make it back for dinner?

Right after dark. We're still out on the coast, waiting for that big fat orange sunset. Looks like Tammy's enjoying herself.

Beautiful all around.

We saw whale spouts and a California condor. Thought I found a starfish, but I was corrected. Now they call them sea stars. Delivered

The student becomes the teacher. And vice versa.

iMessage



Consistency

Reduced visual noise

Subtle animations

Vibrancy

- Sort by Date ▾
- 📧 **Thomas Cooper** 3/19/14
Soccer updates
Team: Remember that this week, we will be practicing at the EAST socc...
 - 📧 **Geoffrey Garcia** 3/18/14
Soccer pics
Hi Craig, Here are the pictures from soccer camp that you asked for. It...
 - Vivian Li** 3/17/14
No Classes Week of August 5th
This is a reminder that there will be no classes the week of August 5th...
 - Jennifer Baker** 3/16/14
Saturday
John, Want to get a BBQ going for this Saturday? Sam and Michele m...
 - Katie Latil** 3/15/14
Job Opening in Marketing
We're looking for an experienced Product Marketing Manager to com...
 - 📧 **Geoffrey Garcia** 3/14/14
Backpacking Thailand 2 >>
Hey Everyone, We just got back from our trip to Thailand. We backpacte...

📧 **Michael Martin Manning** 3/13/14
Vacation
Hey Everyone, We just got back from

Michael Martin Manning @
March 13, 2014 at 1:07 AM [more...](#)
To: Craig Federighi
Vacation



Hey Everyone,

We just got back from our vacation to the beach. We visited Jamaica for five days and had a really relaxing time. We couldn't have asked for better weather. Even when we traveled away from the beach, the heat never became uncomfortable. And when we were on the ocean, it was absolutely perfect. When spent most of our time hanging out on the beach or at the pool. Here are some pictures from our trip:

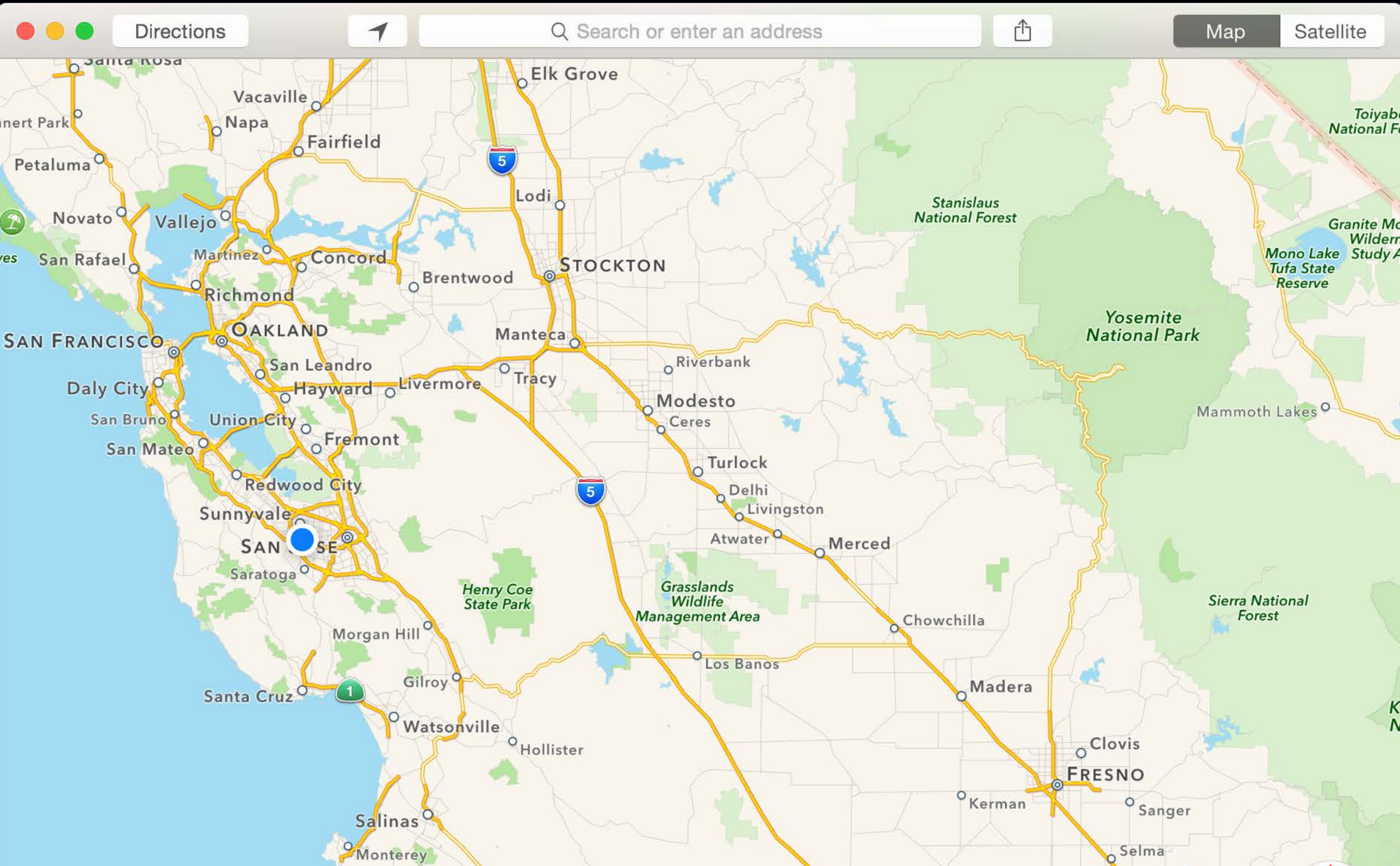


- On My Mac
- Home
 - Personal
 - Meetings
 - Work
- Other
- US Holidays
 - Birthdays

June 2014

< Today >

	Sun 1	Mon 2	Tue 3	Wed 4	Thu 5	Fri 6	Sat 7
all-day	📅 Scott Mill...				📅 Todd Ben...		
9 AM		9 AM WWDC Keynote Moscone Center West	9 AM Status Call 8...		9 AM Design Revi...		
10 AM							
11 AM							
Noon							
1 PM		12:45 PM Reservation: Kuleto's					
2 PM							
2:41 PM		2:30 PM State of the Union					
3 PM							
4 PM							
5 PM							
6 PM		6 PM					



Search

- Scheduled
- On My Mac
- Reminders
- Birthday Party
- Finance
- Groceries
- Hiking Trip
- Home
- Kids
- Summer
- Work**
- + Add List

Work


- Meet John for Coffee
- Finish Presentation
- Schedule Staff Meeting
- Call Brian
- Take the Team to Lunch
- Submit Vacation Request
- Meet with Developers
5/17/14, 4:56 PM

Search Work

A

- Katie Abeles
- Aaron Ackerman**
- Darin Adler
- John Anderson
- Kevin Angel
- Apple Inc.
- James Appleseed
- Jane Appleseed
- Julie Appleseed
- Max Appleseed
- Marijo Aquino
- Arinell's
- Mike Ashton

B



Aaron Ackerman

work +81 45 550 131

mobile +81 45 550 102

home +81 45 550 104

FaceTime Video Audio

work aaronacker@apple.com

email aaronackermann@icloud.com

home 2294 Spadafore Drive
Hoosierville PA 15936

note

+ Edit

- ★ Favorites
- Apple
- iCloud
- Yahoo
- Bing
- Google
- Wikipedia
- Facebook
- Twitter
- LinkedIn
- The Weather Channel
- Yelp
- TripAdvisor



Millions of reviews.
Nothing but the best.

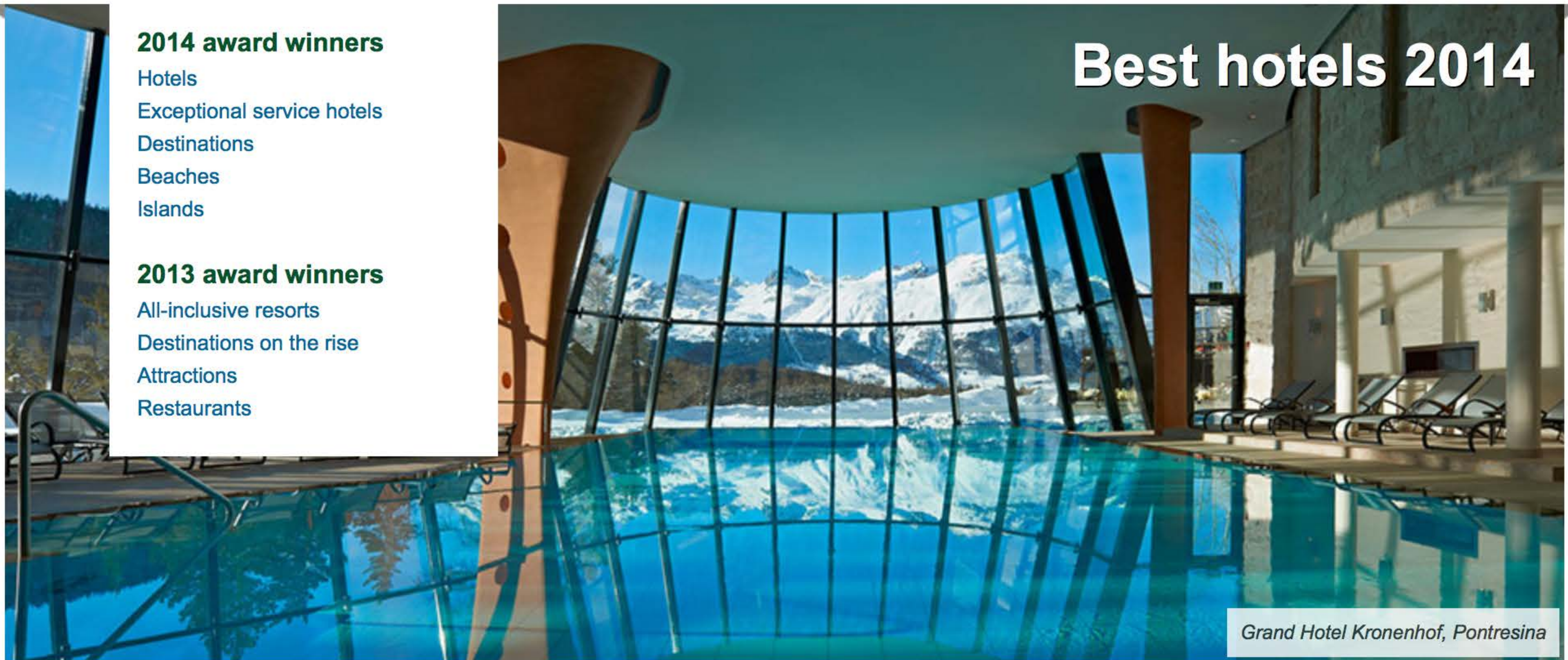
2014 award winners

- Hotels
- Exceptional service hotels
- Destinations
- Beaches
- Islands

2013 award winners

- All-inclusive resorts
- Destinations on the rise
- Attractions
- Restaurants

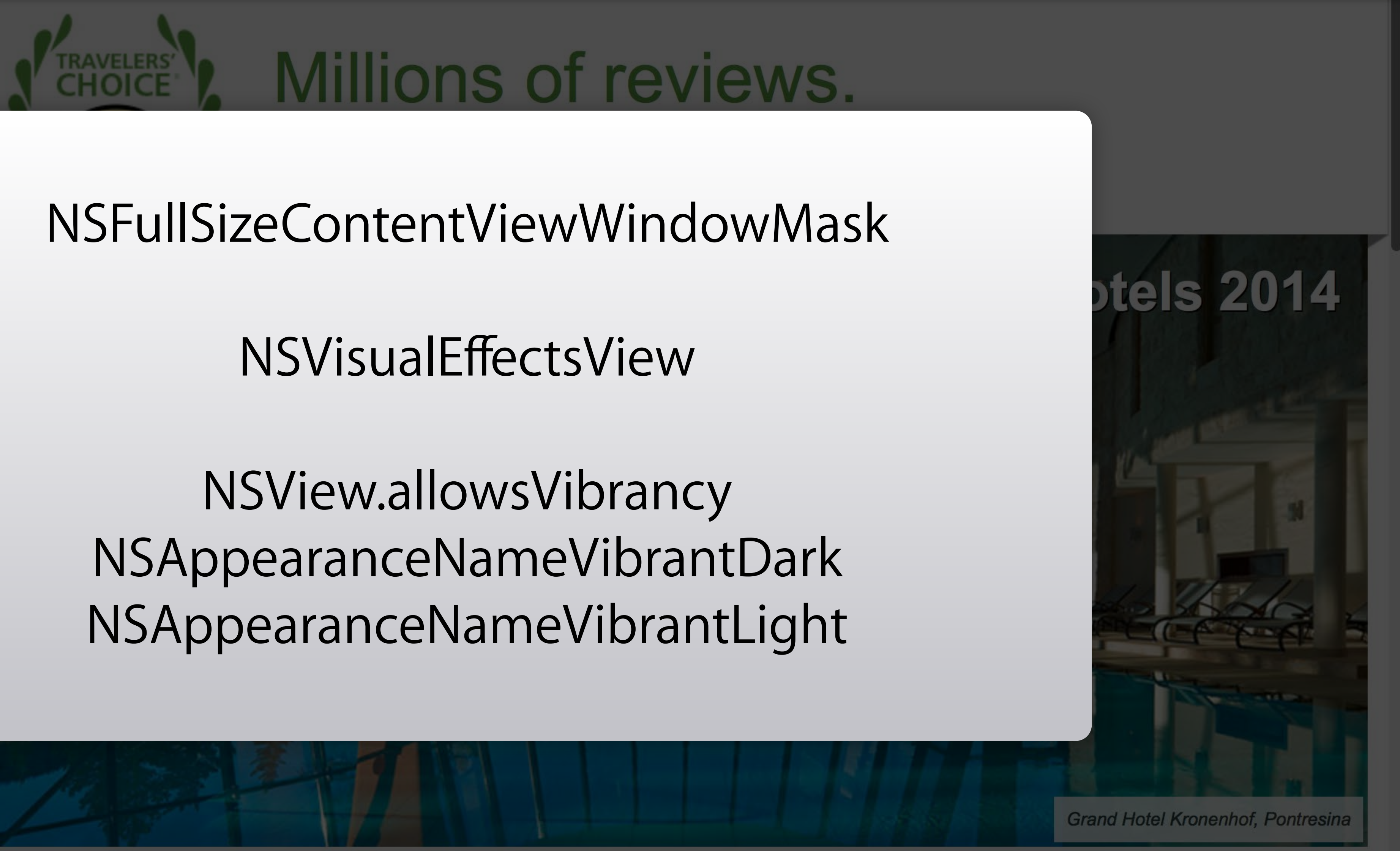
Best hotels 2014



Grand Hotel Kronenhof, Pontresina

Edit

- ★ Favorites
- Apple
- iCloud
- Yahoo
- Bing
- Google
- Wikipedia
- Facebook
- Twitter
- LinkedIn
- The Weather Channel
- Yelp
- TripAdvisor



NSFullSizeContentViewWindowMask

NSVisualEffectsView

NSView.allowsVibrancy

NSAppearanceNameVibrantDark

NSAppearanceNameVibrantLight

- New Card ⌘N
- New Group ⌘⇧N
- New Group From Selection
- New Smart Group... ⌘⇧N
- New Smart Group from Current Search
- Close ⌘W
- Save ⌘S
- Import... ⌘O
- Export as PDF...
- Export... ▶
- Print... ⌘P

- James Appleseed
- Jane Appleseed
- Julie Appleseed
- Max Appleseed
- Marijo Aquino
- Arinell's
- Mike Ashton



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mobile +81 45 550 102

home +81 45 550 104

FaceTime Video Audio

work aaronacker@apple.com


email aaronackermann@icloud.com

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Hoosierville PA 15936

note

- New Card ⌘N
- New Group ⌘N
- New Group From Selection
- New Smart Group... ⌘N
- New Smart Group from Current Search
- Close ⌘W
- Save ⌘S
- Import... ⌘O
- Export as PDF...
- Export... ▶
- Print... ⌘P




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- Max Appleseed
- Marijo Aquino
- Arinell's
- Mike Ashton

 Aaron Ackerman

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mobile +81 45 550 102

home +81 45 550 104


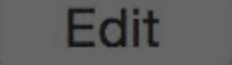

FaceTime  Video  Audio 

work aaronacker@apple.com

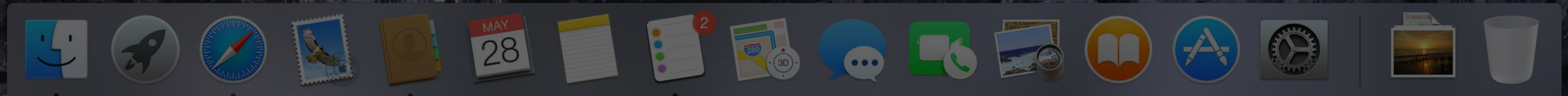
email aaronackermann@icloud.com

home 2294 Spadafore Drive
Hoosierville PA 15936

note

Helvetica Neue



Old system font (Lucida Grande)

height

The quick brown fox

spacing

New system font (Helvetica Neue)

height

The quick brown fox

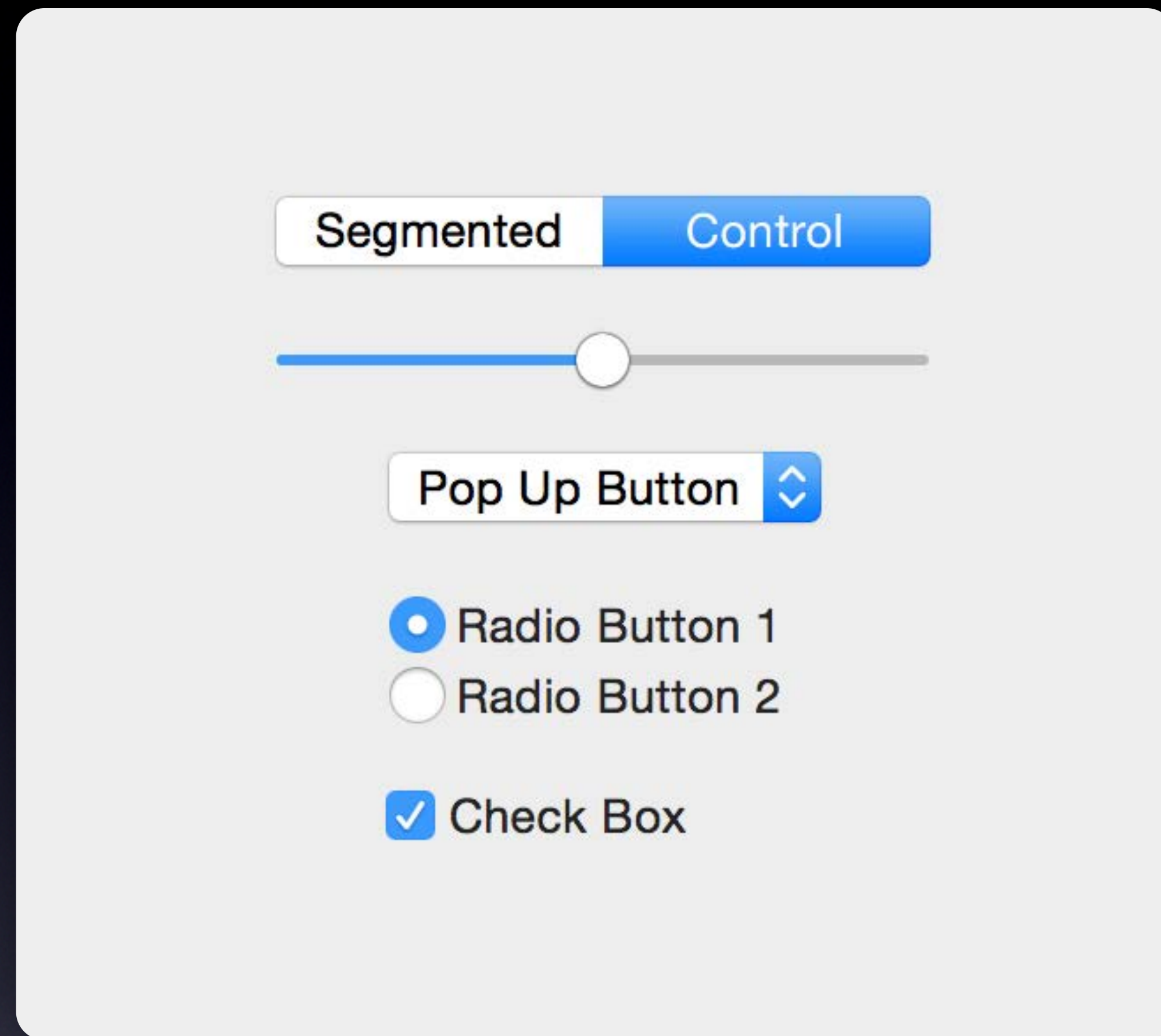
spacing

Ausgezeichnet

Ausgezeichnet

Ausgezeichnet





Refined Controls



Today Notifications

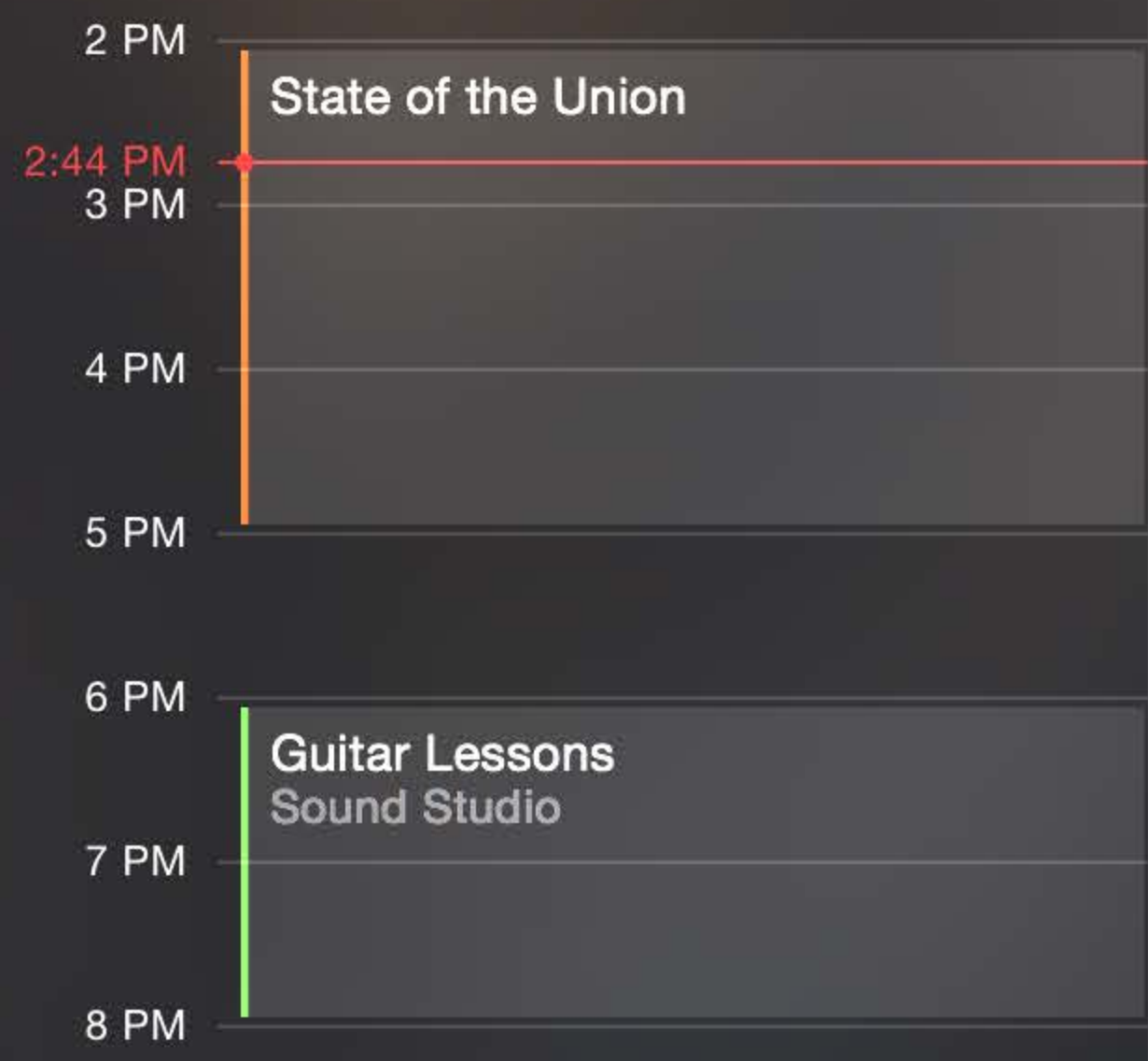
Items (4)

Monday, June 2nd

Today

"State of the Union" is currently in progress, and it started 45 minutes ago.

Calendar



Reminders

- Call Mom 5/16/14
- Meet with Developers 5/17/14

- Calculator
- Social
- Weather
- World Clock



Done

App Store





New API

Less code required

Simple methods and properties

Protocols provide guidance





Xcode 6

```

func setupHero(scene : SKScene, delegate :
SKPhysicsContactDelegate) {

    if cannonStrength > 100 {
        let light = SKLightNode()
        light.ambientColor = SKColor.grayColor()
        light.lightColor = SKColor.clearColor()
        scene.addChild(light)

        removeBalloonAction = SKAction.sequence([
            SKAction.animateWithTextures(balloonPop,
                timePerFrame:1/30.0),
            SKAction.removeFromParent()
        ])
    }

    hero = scene.childNodeWithName("//hero")

    prop = scene.childNodeWithName("//prop")

    let fanField = SKFieldNode.dragField()
    fanField.region = SKRegion(size: CGSizeMake(140, 30))
    fanField.directionVector = CGVectorMake(-4.0, 0.0)
    fanField.strength = 1.0
    fanField.falloff = 1.0
    fanField.categoryBitMask = WIND_FIELD_CATEGORY
    prop.addChild(fanField)

    heroRightTexture += SKTexture(imageNamed:
        "blimp_orange_0")
    heroRightTexture += SKTexture(imageNamed:
        "blimp_orange_1")

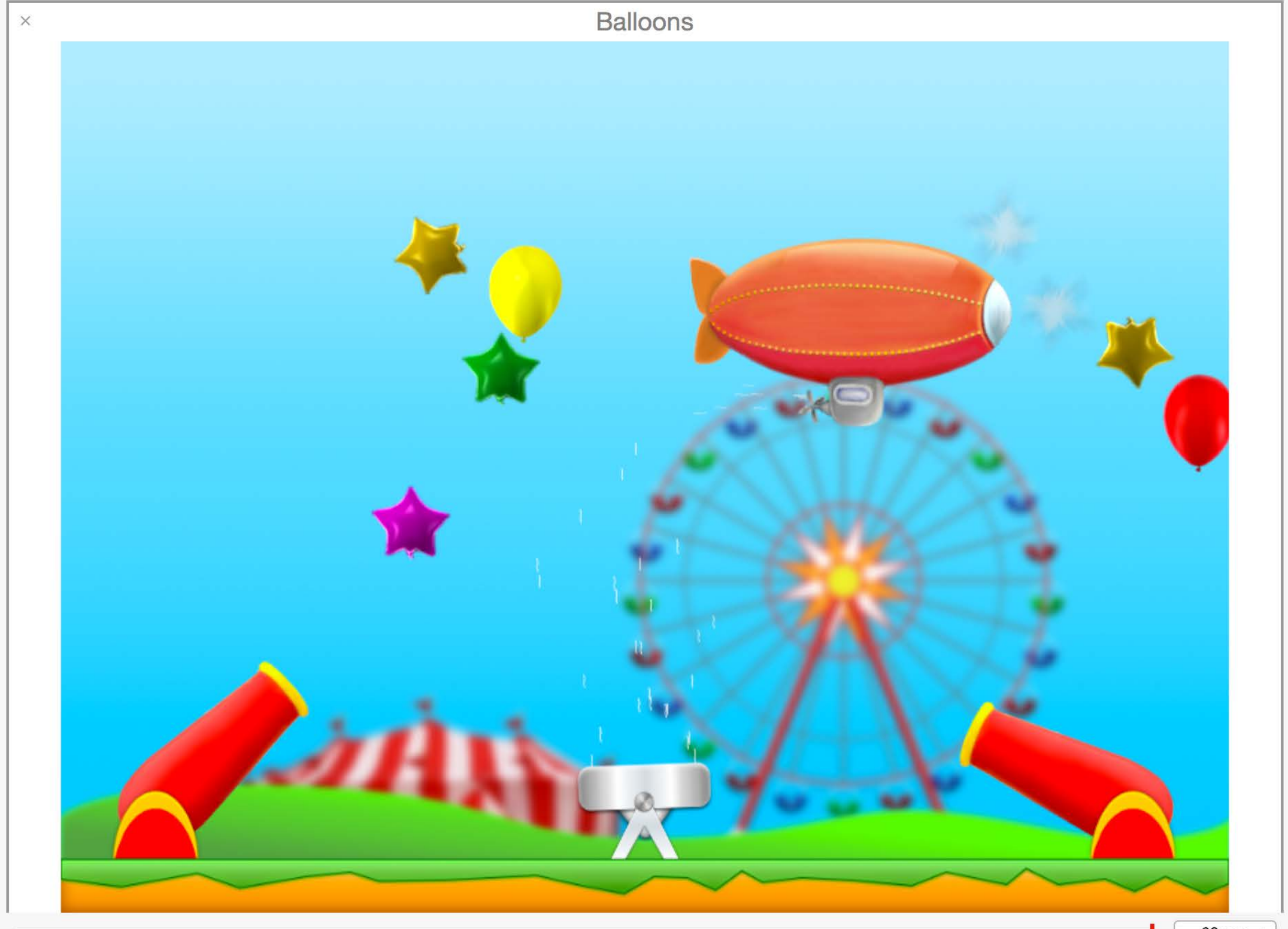
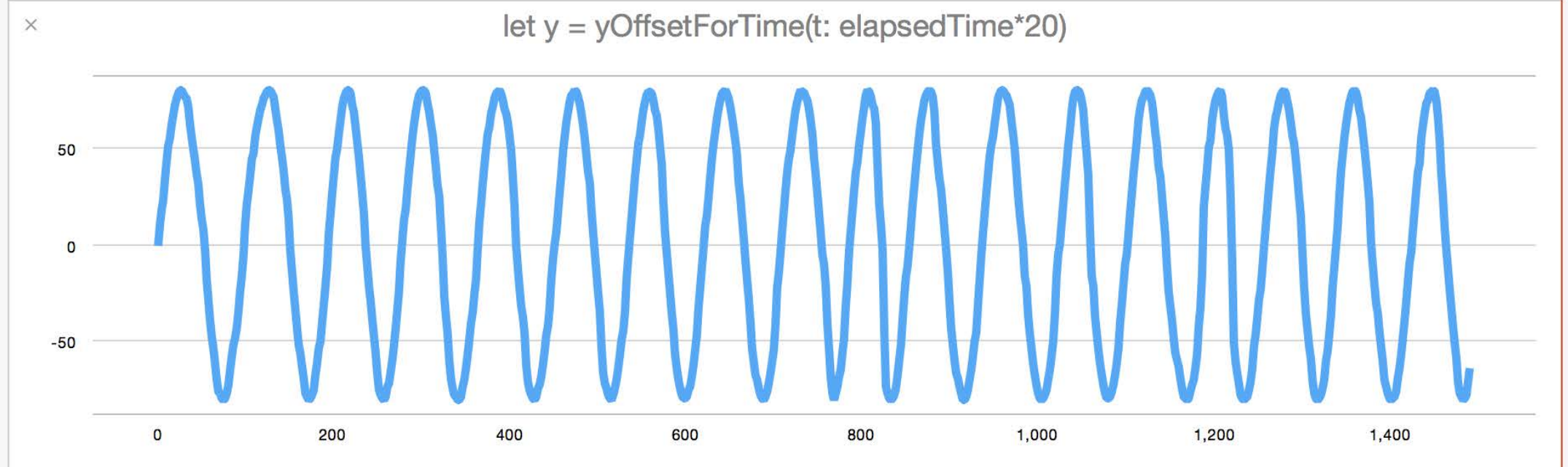
    hero.runAction(
        SKAction.repeatActionForever(
            SKAction.animateWithTextures([heroRightTexture[0],
                heroRightTexture[1]], timePerFrame:1 / 30.0)))
    hero.physicsBody.contactTestBitMask =
        BALLOON_CONTACT_CATEGORY
    hero.physicsBody.affectedByGravity = false
    hero.physicsBody.allowsRotation = false
    hero.physicsBody.mass = 10.0

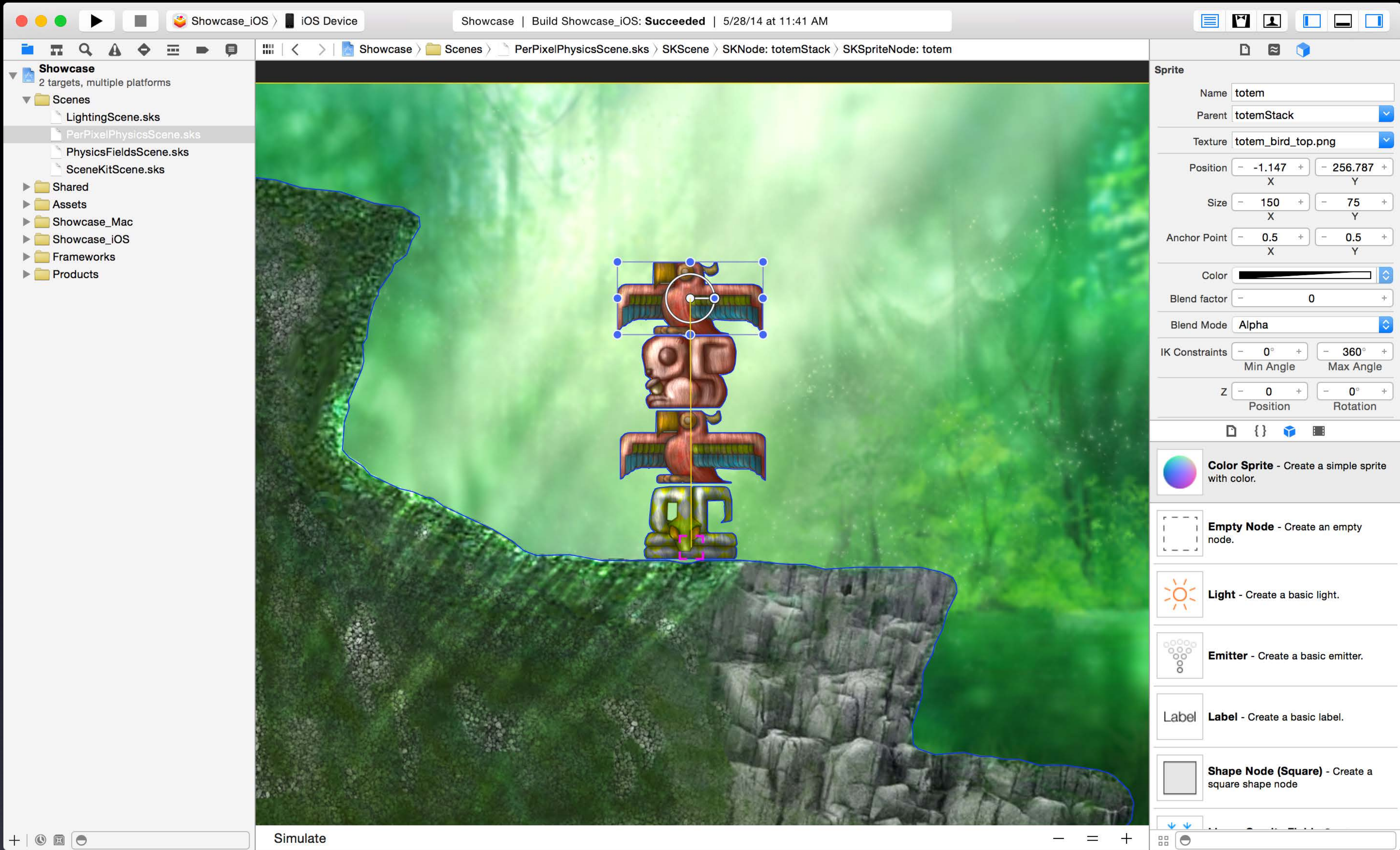
    hero.runAction(SKAction.customActionWithDuration(500)
        { (_, elapsedTime) in

            let y = yOffsetForTime(t: elapsedTime*20)

```

- SKLightNode
- SKLightNode
- SKLightNode
- {GameScene {(Function)} {(...
- SKSequence
- SKSpriteNode
- SKEmitterNode
- SKDragFieldNode
- SKDragFieldNode
- SKDragFieldNode
- SKDragFieldNode
- SKDragFieldNode
- SKEmitterNode
- [SKTexture]
- [SKTexture, SKTexture]
- SKSpriteNode
- SKSpriteNode
- (1491 times)





- Showcase
 - 2 targets, multiple platforms
 - Scenes
 - LightingScene.sks
 - PerPixelPhysicsScene.sks
 - PhysicsFieldsScene.sks
 - SceneKitScene.sks
 - Shared
 - Assets
 - Showcase_Mac
 - Showcase_iOS
 - Frameworks
 - Products



Sprite

Name: totem

Parent: totemStack

Texture: totem_bird_top.png

Position: X: -1.147, Y: -256.787

Size: X: 150, Y: 75

Anchor Point: X: 0.5, Y: 0.5

Color: [Color bar]

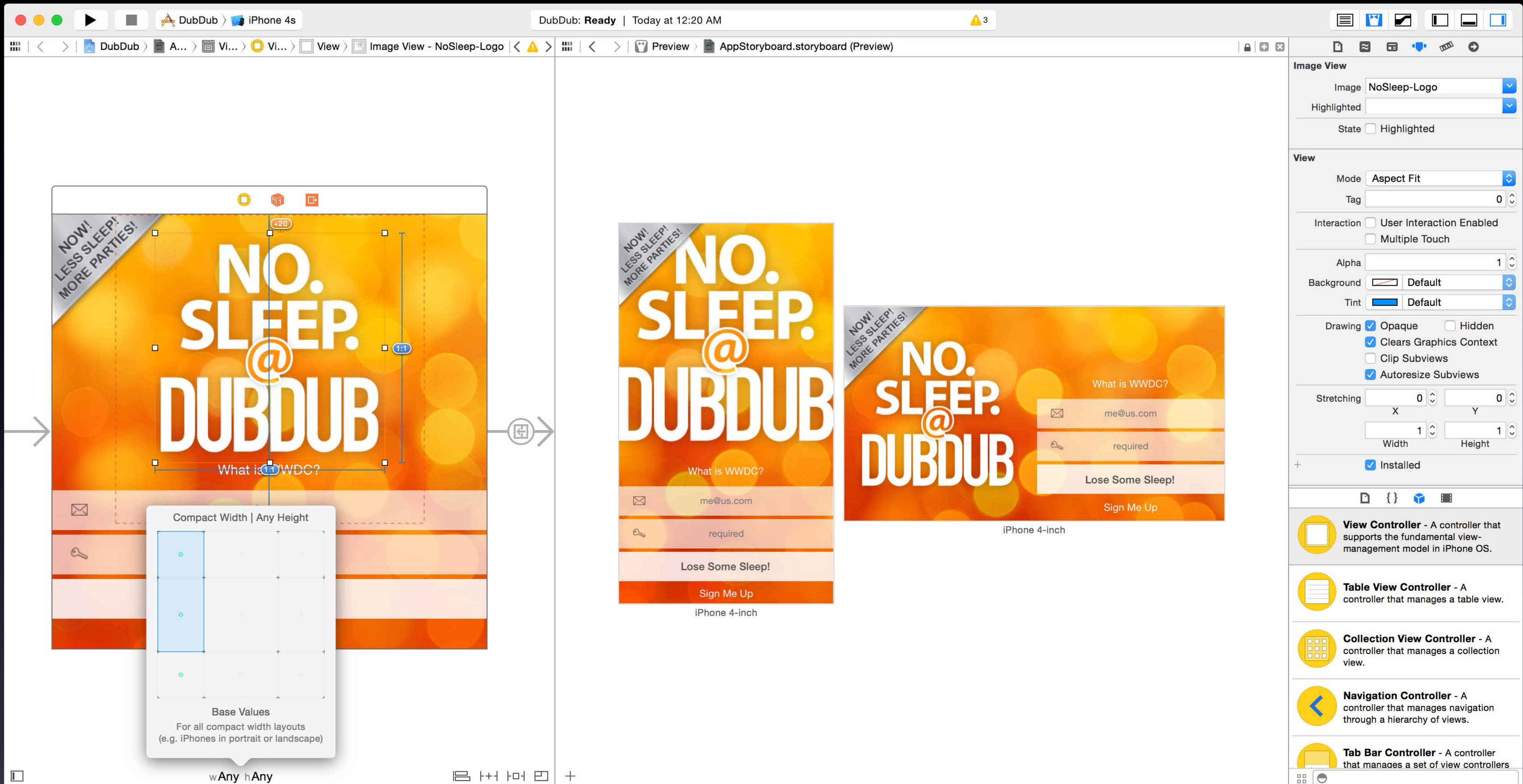
Blend factor: 0

Blend Mode: Alpha

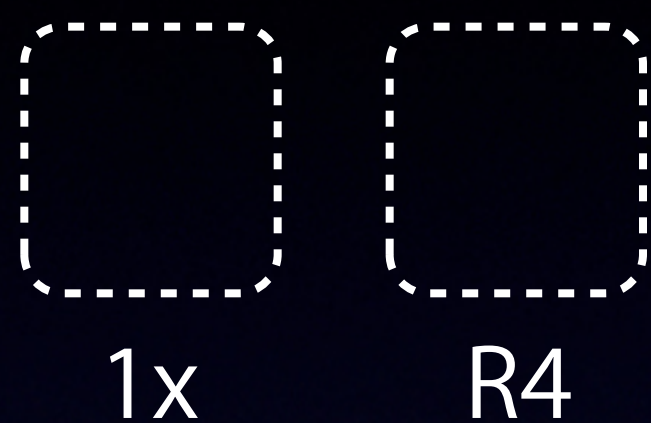
IK Constraints: Min Angle: 0°, Max Angle: 360°

Z: Position: 0, Rotation: 0°

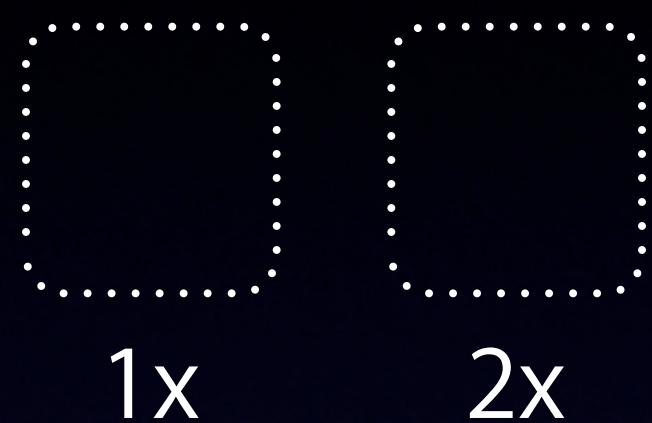
- Color Sprite** - Create a simple sprite with color.
- Empty Node** - Create an empty node.
- Light** - Create a basic light.
- Emitter** - Create a basic emitter.
- Label** - Create a basic label.
- Shape Node (Square)** - Create a square shape node.



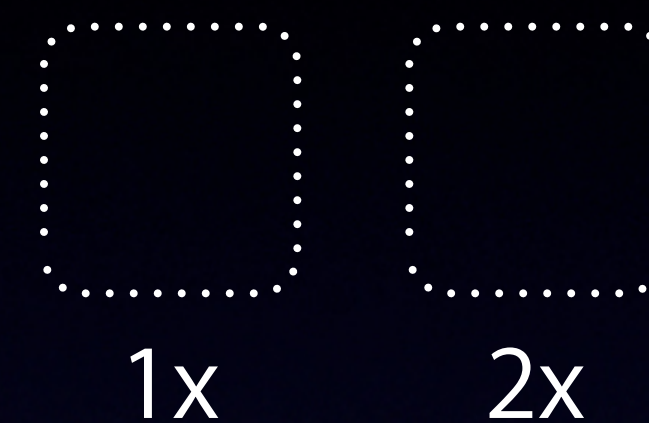
iOS 7—iPhone Portrait



iOS 7—iPad Portrait



iOS 7—iPad Landscape



iOS 5,6—iPad Portrait



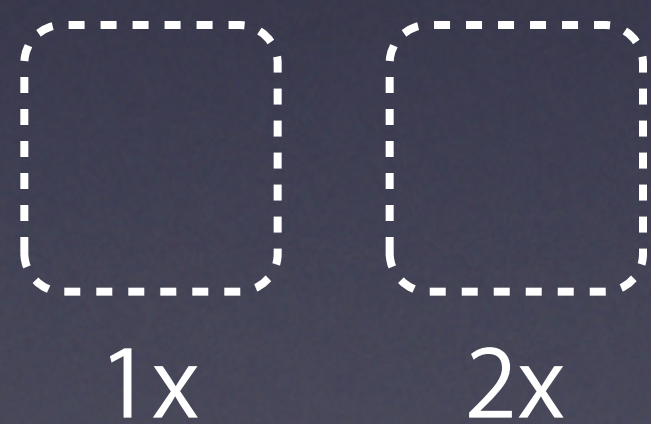
iOS 5,6—iPhone Portrait



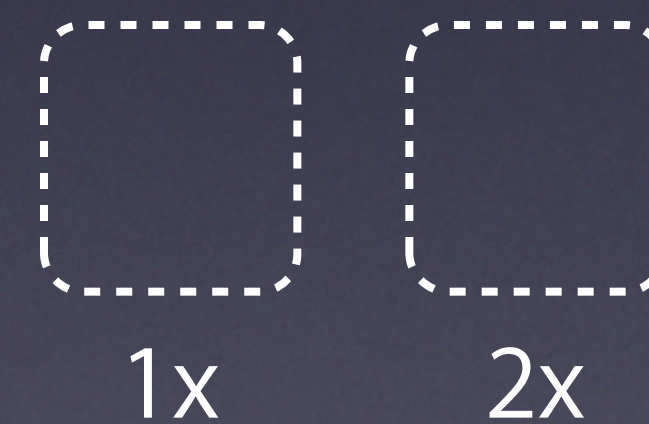
iOS 5,6—iPad Landscape



iOS 5,6—iPad Portrait
without Status Bar



iOS 5,6—iPad Landscape
without Status Bar



Launch Images



Launch Images



Storyboards for OS X



Storyboards for OS X



Storyboards for OS X

ShutterbugzPro > My Mac 64-bit | ShutterbugzPro: Ready | Today at 10:58 PM

ShutterbugzPro > ShutterbugzPro > Main.storyboard > Main.storyboard (Base) > Tab View Controller Scene > Tab View Controller

View Controller - Account Setting...

- View Controller - Account Settings
 - View
 - Text Field - Photo Quality:
 - Popup Button - Item 1
 - Text Field - Photo Size:
 - Text Field - Group Setting:
 - Popup Button - Default
 - Matrix
 - First Responder

Application Scene

- Application
- App Delegate
- First Responder

Window Controller - Window Scene

- Window Controller - Window
 - Window - Window
 - View
 - First Responder
 - Relationship "window content" t...

View Controller - Photo Settings...

- View Controller - Photo Settings
 - View
 - Map View
 - First Responder

Tab View Controller Scene

- Tab View Controller
 - Top Tab View
 - Tab View Item
 - Tab View Item
 - First Responder
 - Relationship "tab item" to Photo...
 - Relationship "tab item" to Accou...

Main Menu

ShutterbugzPro File Edit Format View Window Help

Window Controller - Window

Window

Tab View Controller

View Controller - Account Settings

Photo Settings Account Settings

Photo Quality: Default

Photo Size: Limit to 5M

Group Setting: Share with Share with Create cu Do not sh

Tab View Controller

Selected Tab: Account Settings

Style: Tabs on Top

Propagate Title

Transition

Crossfade

Slide: Up Down Left Right

Follows Language

Options: Allows User Interaction

View Controller

Title: Title

Nib Name: Nib Name

Nib Bundle: Nib Bundle Identifier

Object - Provides an instance of an NSObject subclass that is not available in Interface Builder.

View Controller - A controller that manages a view, typically loaded from a nib file.

Window Controller - A controller that manages a window

Page Controller - A instance of an NSPageController used for controlling page view animations.

Vertical Split View Controller - Controller which manages views arranged next to one another.

Horizontal Split View Controller - Controller which manages views arranged next to one another.

Tab View Controller - A view controller that switches between one of a set of view controllers using a...

ShutterbugzPro > My Mac 64-bit | ShutterbugzPro: Ready | Today at 10:58 PM

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View Controller - Account Setting...

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 - Popup Button - Default
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 - First Responder

Application Scene

- Application
- App Delegate
- First Responder

Window Controller - Window Scene

- Window Controller - Window
 - Window - Window
 - View
 - First Responder
 - Relationship "window content" t...

View Controller - Photo Settings...

- View Controller - Photo Settings
 - View
 - Map View
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Tab View Controller Scene

- Tab View Controller
 - Top Tab View
 - Tab View Item
 - Tab View Item
 - First Responder
 - Relationship "tab item" to Photo...
 - Relationship "tab item" to Accou...

Main Menu

ShutterbugzPro File Edit Format View Window Help

Window Controller - Window

Window

Tab View Controller

View Controller - Account Settings

Photo Settings Account Settings

Photo Quality: Default

Photo Size: Limit to 5M

Group Setting: Share with Share with Create cu Do not sh

Tab View Controller

Selected Tab: Account Settings

Style: Tabs on Top

Propagate Title

Transition

Crossfade

Slide Up Down

Left Right

Follows Language

Options Allows User Interaction

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Title: Title

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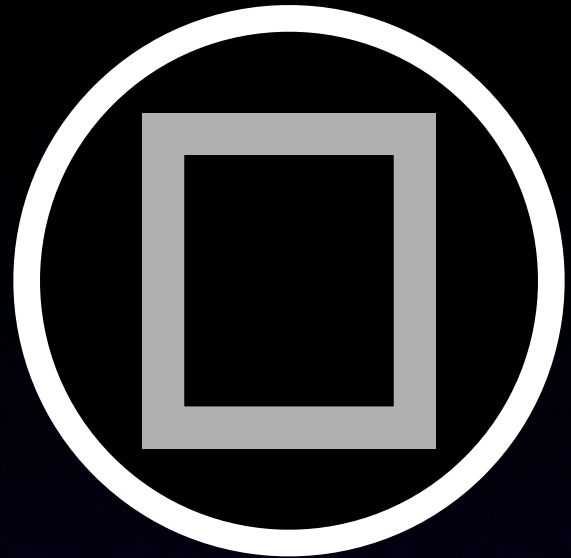
Horizontal Split View Controller - Controller which manages views arranged next to one another.

Tab View Controller - A view controller that switches between one of a set of view controllers using a...

Modals

Sheets

Tabs



Popovers



Splits

Custom



Asset Catalogs



Document Find and Replace



Designing with Custom Fonts



Localization



XLIFF Support



Integrated workflows

Automatic processing

Command-line support

The logo consists of the word "XLIFF" in a light blue, sans-serif font, centered within a white rounded rectangle. The letters are thin and spaced out.

XLIFF

Integrated workflows

Automatic processing

Command-line support

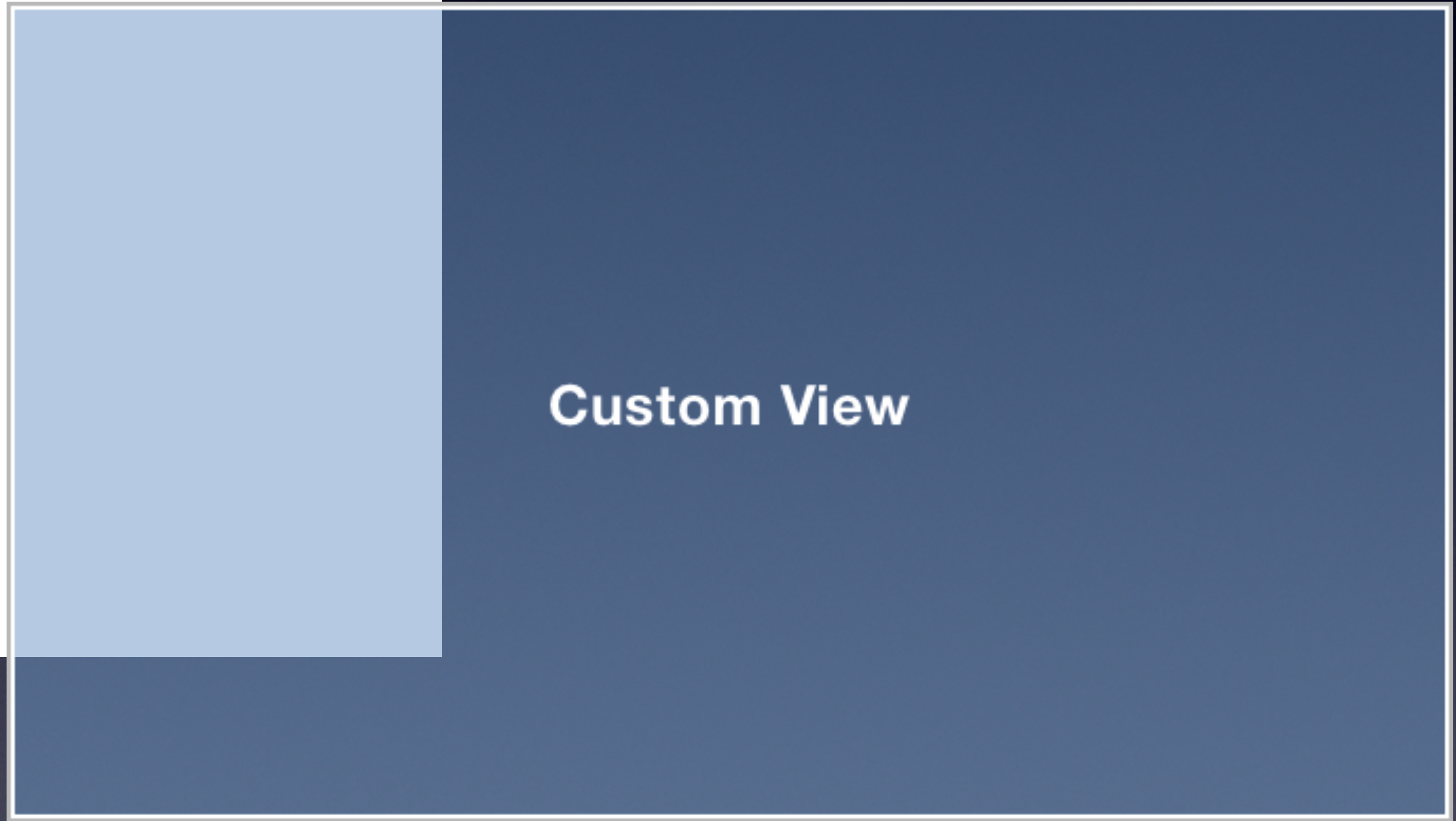
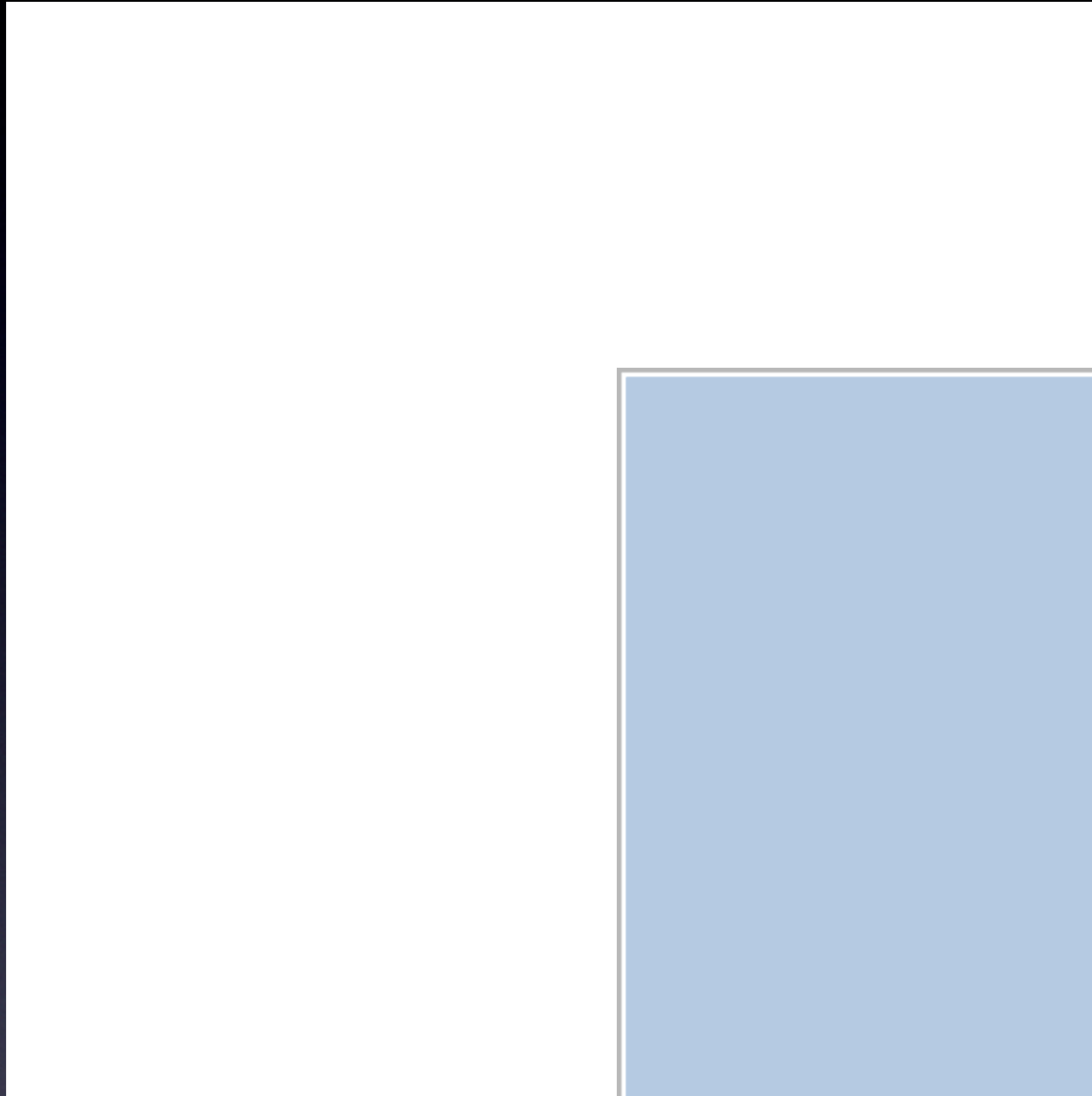
No development region strings files



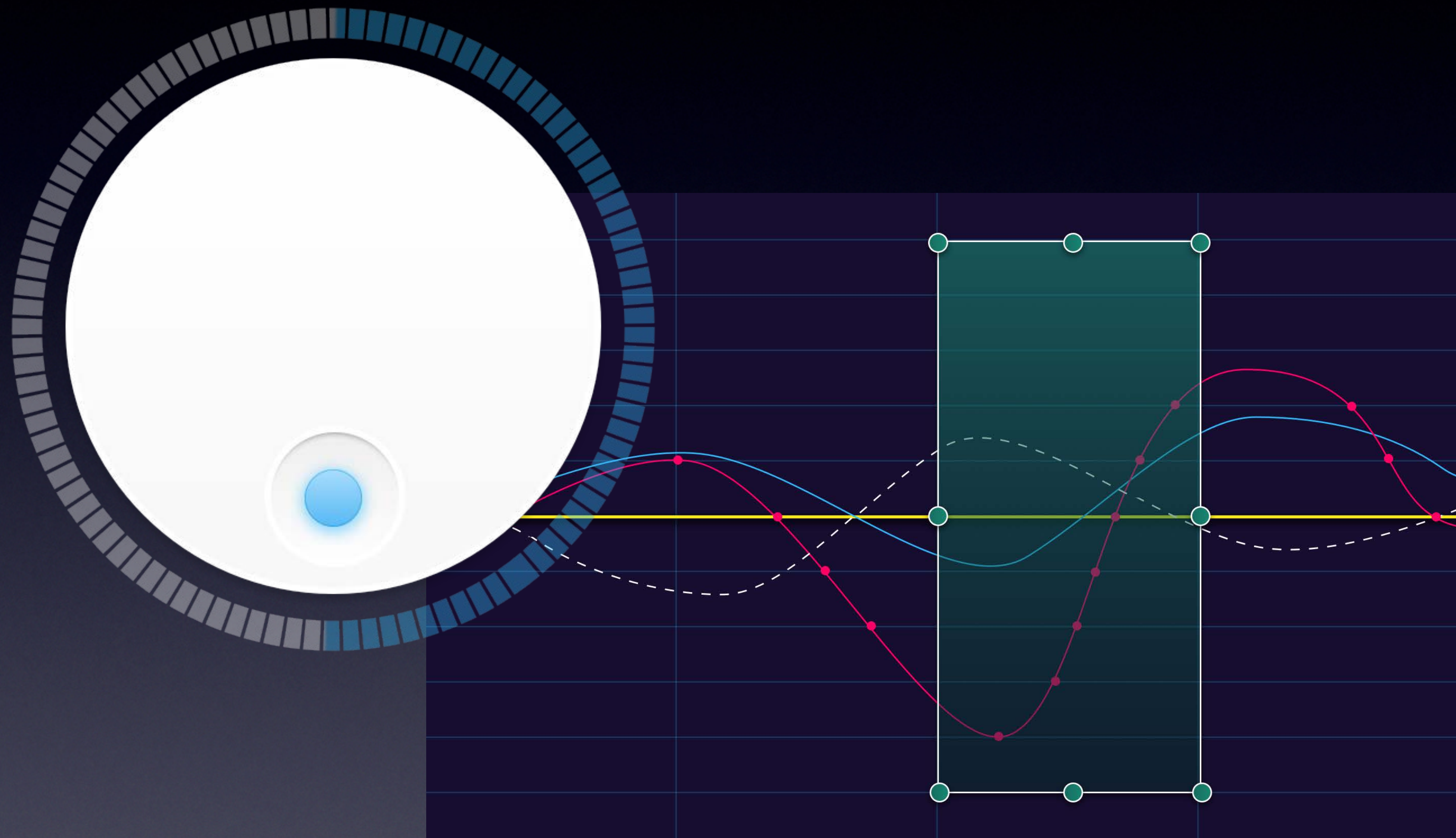
Previews for iOS and OS X

Pseudo localizations

Runtime testing options



Custom View



Demo



Queue Debugging



Shutterbugz (iOS) >



iPad Air

Running



Shutterbugz >



Shutterbugz

PID 4815, Paused



com.apple.main-thread (serial)

1 Running Block



com.apple.CFNetwork.addPersistCacheTo...

3 Pending Blocks



Shutterbugz (iOS)










iPad Air

Running



Shutterbugz



- ▼ **Shutterbugz**  
PID 4815, Paused
- ▶  **com.apple.main-thread (serial)**
1 Running Block
- ▼  **com.apple.CFNetwork.addPersistCacheTo...**
3 Pending Blocks
 - ▶  ___ZN12__CFURLCache23CreateAndSto...
 - ▶  ___ZN12__CFURLCache23CreateAndSto...
 - ▶  ___ZN12__CFURLCache23CreateAndSto...

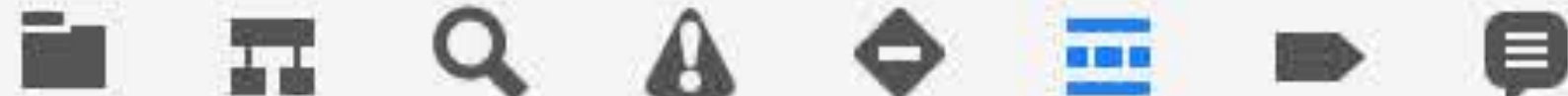


Shutterbugz (iOS) >



iPad Air

Running



Shutterbugz >



Shutterbugz



PID 4815, Paused



com.apple.main-thread (serial)

1 Running Block



com.apple.CFNetwork.addPersistCacheTo...

3 Pending Blocks



___ZN12__CFURLCache23CreateAndSto...



___ZN12__CFURLCache23CreateAndSto...



___ZN12__CFURLCache23CreateAndSto...



0 _dispatch_barrier_async_f ()



1 __CFURLCache::Cre__CFString cons ...



2 __CFURLCache::AddCacheTask0(__ ...



3 __CFURLCache::AddCacheTask(__C ...



4 __CFURLCacheAddCachedRespons ...



5 ___ZN19URLConnectionClient32_int ...



6 URLConnectionClient_Classic::_dele ...



7 URLConnectionClient::_internalEvent...



8 URLConnectionClient::_loaderClientE...



9 ___ZN20ClassicURLConnection21wit...



10 ___ZNK25URLConnectionIn



Shutterbugz (iOS) >



iPad Air

Running



Shutterbugz >



Shutterbugz

PID 4815, Paused



com.apple.main-thread (serial)

1 Running Block



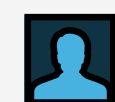
com.apple.root.default-qos (concurrent)

1 Running Block

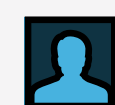


__25-[LoginView awakeFromNib]_block...

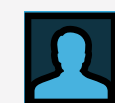
Thread 13



0 -[LoginView _createLoginSession]



1 __25-[LoginView awakeFromNib]_bloc...



2 _dispatch_call_block_and_release



7 start_wqthread

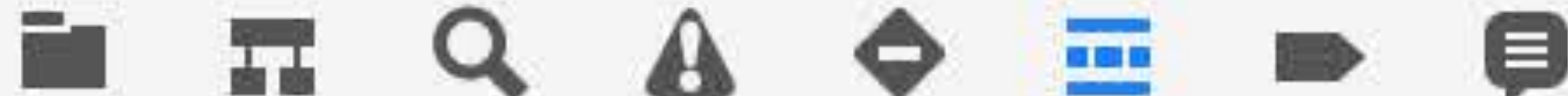


Shutterbugz (iOS) >



iPad Air

Running



Shutterbugz >



Shutterbugz

PID 4815, Paused



com.apple.main-thread (serial)

1 Running Block



com.apple.root.default-qos (concurrent)

1 Running Block



__25-[LoginView awakeFromNib]_block...

Thread 13



0 -[LoginView _createLoginSession]



1 __25-[LoginView awakeFromNib]_bloc...



2 _dispatch_call_block_and_release



7 start_wqthread

Enqueued from com.apple.main-thread (thread 1)



0 dispatch_async_f_slow



1 -[LoginView awakeFromNib]



2 -[UINib instantiateWithOwner:options:]



23 UIApplicationMain



Shutterbugz (iOS)



iPad Air

Running



- Shutterbugz**
 - PID 4815, Paused
 - com.apple.main-thread (serial)**
 - 1 Running Block
 - com.apple.root.default-qos (concurrent)**
 - 1 Running Block
 - __25-[LoginView awakeFromNib]_block...**
 - Thread 13
 - 0 -[LoginView _createLoginSession]
 - 1 __25-[LoginView awakeFromNib]_bloc...
 - 2 _dispatch_call_block_and_release
 -
 - 7 start_wqthread
 - Enqueued from com.apple.main-thread (thread 1)
 - 0 dispatch_async_f_slow
 - 1 -[LoginView awakeFromNib]
 - 2 -[UINib instantiateWithOwner:options:]
 -
 - 42 UITheAnswerToTheUltimateQuestionOf
 - Enqueued from com.apple.main-thread (thread 1)
 - 0 dispatch_async_f_slow
 - 1 -[LoginView awakeFromNib]
 - 2 -[UINib instantiateWithOwner:options:]



Enqueued from com.apple.main-thread (thread 1)

0 dispatch_async_f_slow

1 -[LoginView awakeFromNib]

2 -[UINib instantiateWithOwner:options:]

42 UITheAnswerToTheUltimateQuestionOf

Enqueued from com.apple.main-thread (thread 1)

0 dispatch_async_f_slow

1 -[LoginView awakeFromNib]

2 -[UINib instantiateWithOwner:options:]

42 UITheAnswerToTheUltimateQuestionOf

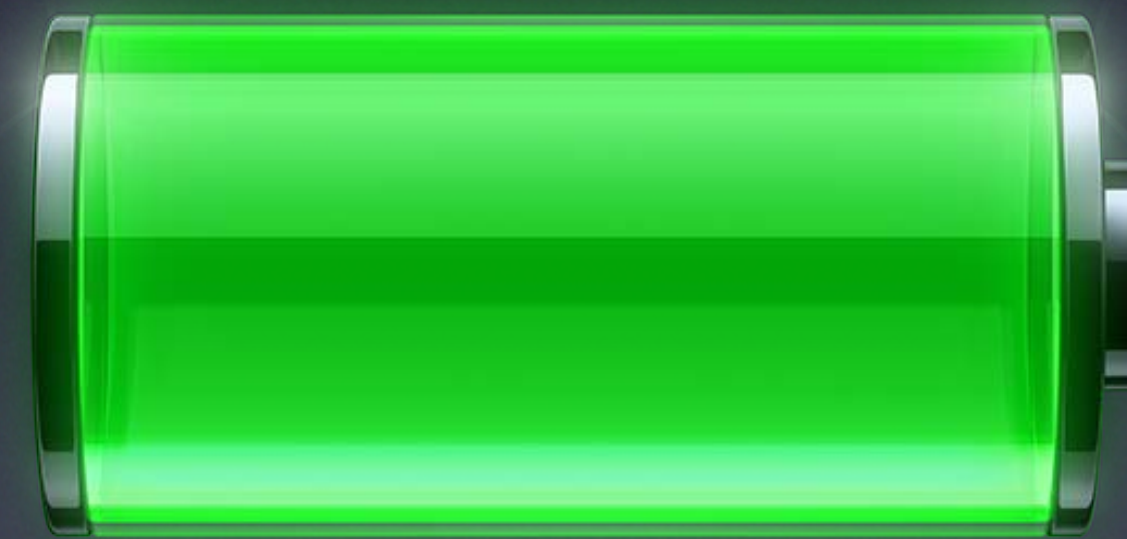
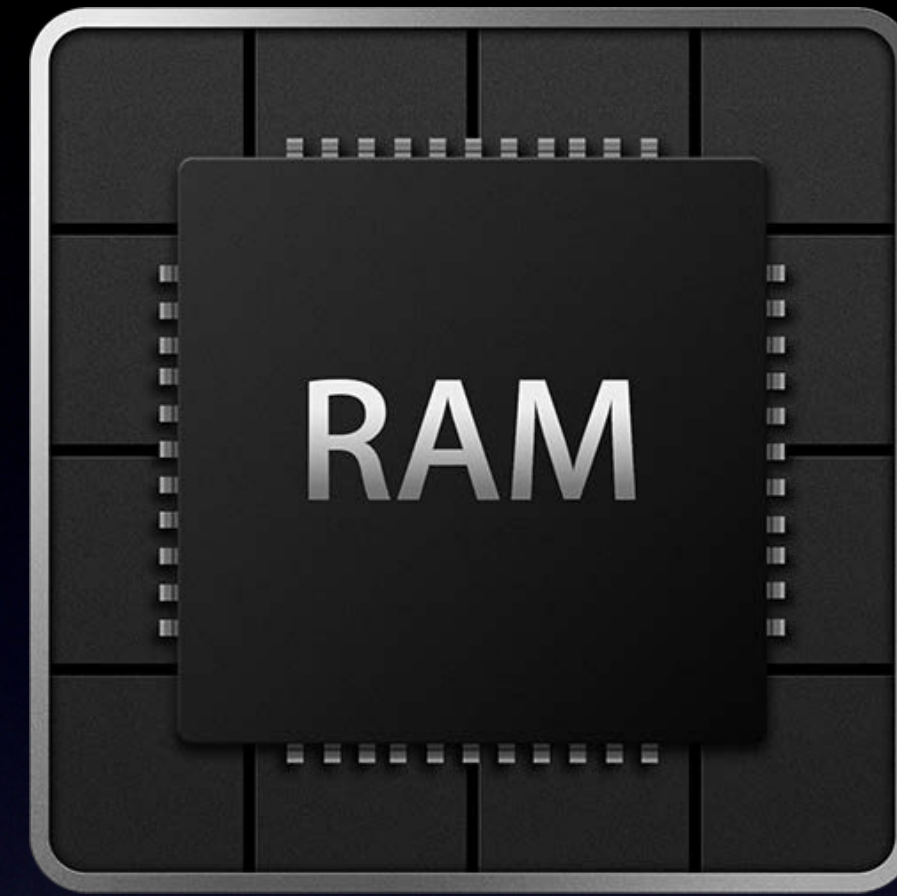
Enqueued from com.apple.main-thread (thread 1)

0 dispatch_async_f_slow

1 -[LoginView awakeFromNib]

2 -[UINib instantiateWithOwner:options:]

42 UITheAnswerToTheUltimateQuestionOf



Network



Receiving and Sending



Active Connections

Protocol Local

Disk

Profile in Instruments

Reading



0.0KB/s

Per Second

0.2GB

Total

Writing



0.0KB/s

Per Second

44.0KB

Total

Reading and Writing Rates



Open Files

Descriptor	Type	Device	Size/Offset	Inode	Path
0r	CHR	50,331,650	0	316	/dev/null
1u	CHR	50,331,650	0	316	/dev/null
2u	CHR	50,331,650	1,247	316	/dev/null
4r	REG	0	512	22,312	/System/Library/CoreServices/SystemAppearance.bundle/Contents/R...
5r	REG	0	512	22,311	/System/Library/CoreServices/SystemAppearance.bundle/Contents/R...
6r	REG	0	0	28,042	/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworko...
8r	DIR	0	0	240,435	/System/Library/CoreServices/RawCameraSupport.bundle
9r	DIR	0	0	40	/System/Library/CoreServices
10r	DIR	0	0	37	/System/Library
11r	DIR	0	0	36	/System
15r	DIR	0	0	2,080,819	/Volumes/Local/Platforms/Syrah/Users/demo/Library/FontCollections
16r	REG	0	0	2,080,820	/Volumes/Local/Platforms/Syrah/Users/demo/Library/FontCollections/...
17r	REG	0	0	2,080,821	/Volumes/Local/Platforms/Syrah/Users/demo/Library/FontCollections/...
18r	REG	0	0	2,080,822	/Volumes/Local/Platforms/Syrah/Users/demo/Library/FontCollections/...
19r	REG	0	0	2,080,823	/Volumes/Local/Platforms/Syrah/Users/demo/Library/FontCollections/...







Asynchronous Testing

```
◇ - (void)testUploadToShutterbugzServer {  
    NSMutableURLRequest *req = /* configure request */  
  
    XCTestExpectation *uploadExpectation = [self  
        expectationWithDescription:@"upload completed"];  
  
    [NSURLConnection sendAsynchronousRequest:| ...  
        completionHandler:^(  
  
        /* evaluate upload */  
  
        [uploadExpectation fulfill];  
    ]];  
  
    [self waitForExpectationsWithTimeout:5 handler:nil];  
}
```

```
◇ - (void)testUploadToShutterbugzServer {  
    NSMutableURLRequest *req = /* configure request */  
    XCTestExpectation *uploadExpectation = [self  
        expectationWithDescription:@"upload completed"];  
    [NSURLConnection sendAsynchronousRequest:| ...  
        completionHandler:^(  
        /* evaluate upload */  
        [uploadExpectation fulfill];  
    )];  
    [self waitForExpectationsWithTimeout:5 handler:nil];  
}
```



```
◇ - (void)testUploadToShutterbugzServer {  
    NSMutableURLRequest *req = /* configure request */  
  
    XCTestExpectation *uploadExpectation = [self  
        expectationWithDescription:@"upload completed"];  
  
    [NSURLConnection sendAsynchronousRequest:| ...  
        completionHandler:^(  
  
        /* evaluate upload */  
        [uploadExpectation fulfill];  
    )];  
  
    [self waitForExpectationsWithTimeout:5 handler:nil];  
}
```

```
◇ - (void)testUploadToShutterbugzServer {  
    NSMutableURLRequest *req = /* configure request */  
  
    XCTestExpectation *uploadExpectation = [self  
        expectationWithDescription:@"upload completed"];  
  
    [NSURLConnection sendAsynchronousRequest:| ...  
        completionHandler:^(  
  
        /* evaluate upload */  
  
        [uploadExpectation fulfill];  
    ]];  
  
    [self waitForExpectationsWithTimeout:5 handler:nil];  
}
```



Performance Testing

```
◇ - (void)testApplyShutterbugzEffectPerformance {  
    [self measureBlock:^(  
        [self testApplyShutterbugzEffect];  
    )];  
}
```

✓ - (void) testApplyShutterbugzEffectPerformance {

◊ [self measureBlock:^{ Time: 0.651 sec (5% STDEV) 2
 [self testApplyShutterbugzEffect];
}];
}

✓ - (void)testApplyShutterbugzEffectPerformance {

✓ [self measureBlock:^{ Time: 0.539 sec (17% better, 2% STDEV)

[self testApplyShutterbugzEffect];

}];

}

```
✘ - (void)testApplyShutterbugzEffectPerformance {
```

```
✘ [self measureBlock:^(✘ Time average is 46% worse (max allowed: 10%). 2
```

```
    [self testApplyShutterbugzEffect];  
    }];
```

```
}
```

Performance Result

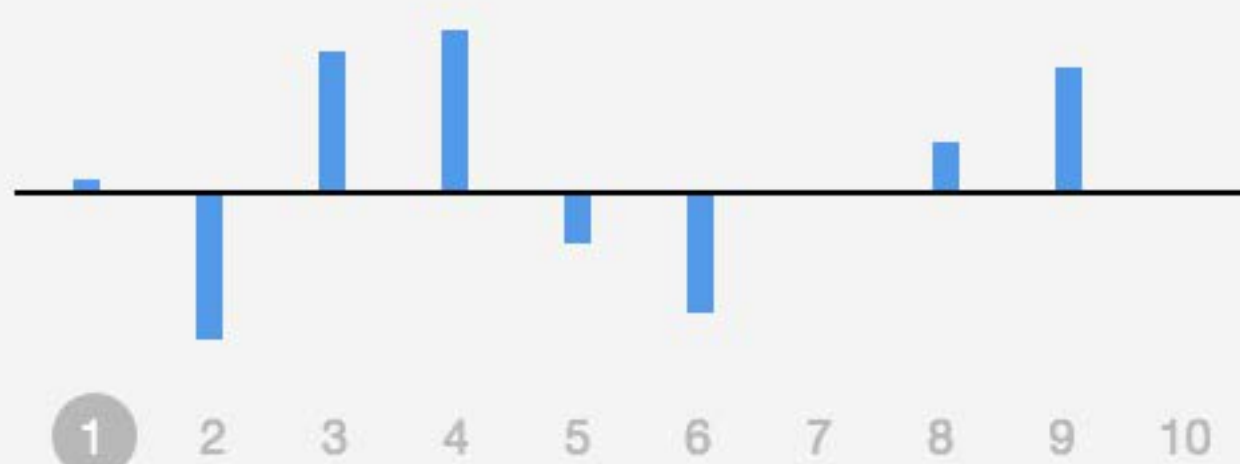
Result: **45.869% worse (±3%)**

Average: 0.95s

Baseline: 0.65s

Max STDDEV: 10.00%

Edit



Value: 0.952 (0.37%)

```
utterbugzEffectPerformance {
```

```
ock:^{ ✖ Time average is 46% worse (max allowed: 10%). 2  
pplyShutterbugzEffect];
```



```
✘ - (void)testApplyShutterbugzEffectPerformance {
```

```
✘ [self measureBlock:^(✘ Time average is 46% worse (max allowed: 10%). 2
```

```
[self testApplyShutterbugzEffect];
```

```
});
```

```
}
```

Test "testApplyShutterbugzEffectPerformance"

Profile "testApplyShutterbugzEffectPerformance"

Disable "testApplyShutterbugzEffectPerformance"

Jump to Report

Reveal in Project Navigator

Reveal in Symbol Navigator

Reveal in Test Navigator

New Test Target...

New Test Class...

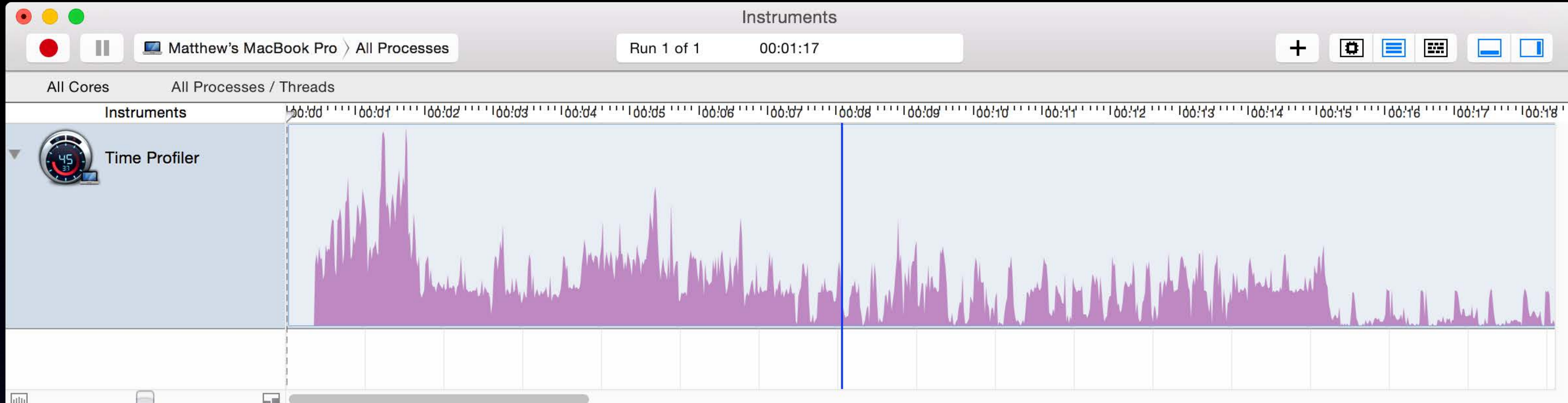
Refactor ▶

Test Navigator Help ▶

formance {

46% worse (max allowed: 10%). 2

ct];



Time Profiler > Call Tree > Call Tree

Running Time	Self	Symbol Name
85.0ms	100.0%	0.0 * All *
1.0ms	1.1%	0.0 ▶ spindump (564)
-12.0ms	-14.2%	0.0 ▼ Instruments (1272)
-19.0ms	-22.4%	0.0 ▼ _dispatch_worker_thread3 0x6955c

Sample Perspective

- All Sample Counts
- Running Sample Times

Call Tree

- Separate by Thread
- Invert Call Tree
- Hide Missing Symbols
- Hide System Libraries
- Flatten Recursion
- Top Functions

Call Tree Constraints

Count: 0 to ∞

Time (ms): -∞ to ∞

Data Mining

Symbol Library Restore

Choose a profiling template for: Device and Process from Template

Standard Custom Recent

Search

Energy Diagnostics

Leaks

Network

OpenGL ES Analysis

OpenGL ES Driver

System Trace

System Usage

Time Profiler

Zombies

Time Profiler
Performs low-overhead time-based sampling of processes running on the system's CPUs.

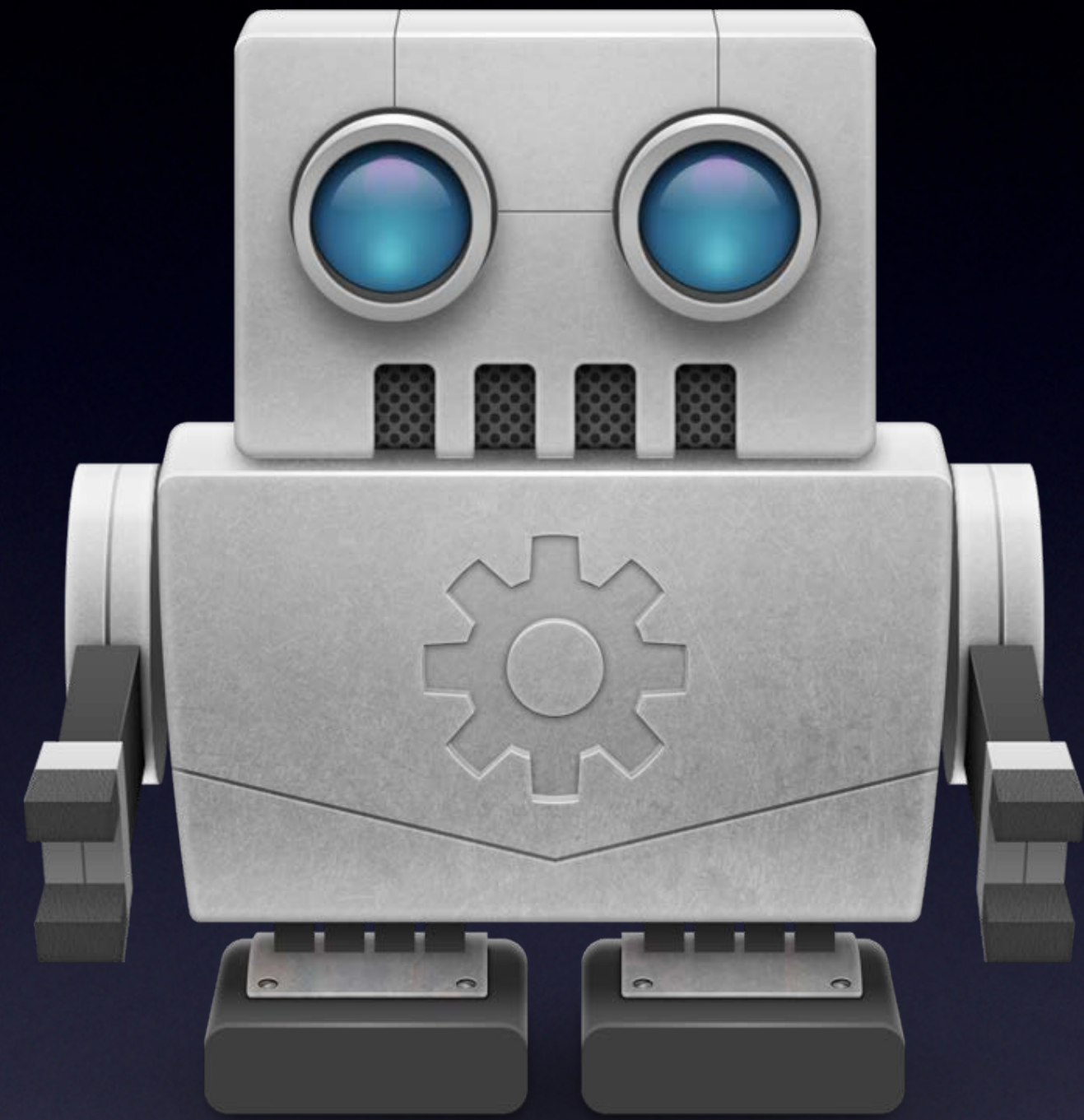
Open an Existing File... Cancel Choose



Profile Guided Optimization



Profile Guided Optimization



Xcode Bots

ShutterBugz | Build ShutterBugz: **Succeeded** | Today at 1:00 PM

On Commit Bot > Integrate (4)

Integration 4
1 minute

Summary Tests Logs

0 ERRORS No Change

2 WARNINGS No Change

2 ISSUES No Change

2 / 15 TESTS +2

By Group By Time

- ShutterBugz Today, 1:00 PM
- Project Today, 1:23 PM
- Analysis Bot My Server
- Nightly Bot My Server
- On Commit Bot My Server
- Integrate (4) Today, 1:24 PM, Failed tests
- Integrate (3) Today, 1:20 PM, Finished with w...
- Integrate (2) Today, 1:17 PM, Failed tests
- Integrate (1) Today, 1:12 PM, Succeeded

New Issues

- Test Failure (([photos count] > 0) is true) in ShutterBugz/ShutterBugzTests/ShutterBugzTests.m
- Test Failure ((nil) != nil) failed - Expected in ShutterBugz/ShutterBugzTests/ShutterBugzTests.m

Unresolved Issues (2 warnings, 2 analysis issues)

- Warning Unused variable 'arrayThatShouldNotContainNil' in ShutterBugz/ShutterBugz/AppDelegate.m First introduced 2 integrations ago by Brent Shank (1d0a4a).
- Warning Method definition for 'verifyConnectionToServerAtURL:presentingClientSSLCertificate:reuseConnections:retryConnectionAttempts:error:' not found in ShutterBugz/ShutterBugz/AppDelegate.m First introduced 2 integrations ago by Brent Shank (1d0a4a).
- Analysis Issue Value stored to 'arrayThatShouldNotContainNil' during its initialization is never read in ShutterBugz/ShutterBugz/AppDelegate.m First introduced 2 integrations ago by Brent Shank (1d0a4a).
- Analysis Issue Array element cannot be nil in ShutterBugz/ShutterBugz/AppDelegate.m First introduced 2 integrations ago by Brent Shank (1d0a4a).

Commit Details

Contributors: 1

ShutterBugz | Build ShutterBugz: **Succeeded** | Today at 1:00 PM

On Commit Bot > Integrate (3)

Integration 3
1 minute

Summary Tests Logs

Warning Unused variable 'arrayThatShouldNotContainNil' in ShutterBugz/ShutterBugz/AppDelegate.m First introduced 1 integration ago by Brent Shank (1d0a4a).

Warning Method definition for 'verifyConnectionToServerAtURL:presentingClientSSLCertificate:reuseConnections:retryConnectionAttempts:error:' not found in ShutterBugz/ShutterBugz/AppDelegate.m First introduced 1 integration ago by Brent Shank (1d0a4a).

Analysis Issue Value stored to 'arrayThatShouldNotContainNil' during its initialization is never read in ShutterBugz/ShutterBugz/AppDelegate.m First introduced 1 integration ago by Brent Shank (1d0a4a).

Analysis Issue Array element cannot be nil in ShutterBugz/ShutterBugz/AppDelegate.m First introduced 1 integration ago by Brent Shank (1d0a4a).

Resolved Issues

- Test Failure (((xCoordinate == 0 && yCoordinate == 0) is true) failed - Expected centered radial blur offset to be (0, 0) after test, but the last value we recorded was (-165, -187) in ShutterBugz/ShutterBugzTests/ShutterBugzTests.m

Commit Details

Contributors: 2
Commits: 2
Files Changed: 2

All Andrew N Matt M

Device Testing

Devices: 2
Total Tests: 13
Tests Passed: 13
Tests Failed: 0

Matthew's iPad iPad mini (Model A1454) All Tests Passed

Matthew's iPod iPod touch (5th generation) All Tests Passed

ShutterBugz | Build ShutterBugz: **Succeeded** | Today at 1:00 PM

On Commit Bot > Integrate (8)

Integration 8 1 minute

Summary Tests Logs

All Passed Failed | All Performance

Tests

ShutterBugzTests > ShutterBugzTests

Test Name	Status	Time
testPhotoZoom	Passed	
testRadialBlurWithCenteredOffset	Failed	
Matthew's iPad iPad mini (Model A1432), iOS 8.0 Assertions: (((xCoordinate == 0 && yCoordinate == 0)) is true) failed - Expected centered radial blur offset to be (0, 0) after test, but the last value we recorded was (-165, -187)	Failed	
Matthew's iPod iPod touch (5th generation), iOS 8.0 Assertions: (((xCoordinate == 0 && yCoordinate == 0)) is true) failed - Expected centered radial blur offset to be (0, 0) after test, but the last value we recorded was (-165, -187)	Failed	
testPhotoLevels	Passed	
testAtLeastOnePhotoReturned	Passed	
testPhotoApplySepiaEffect	Passed	
testSortPhotosAlternativeAlgorithm	Failed	
Matthew's iPad iPad mini (Model A1432), iOS 8.0 Matthew's iPod iPod touch (5th generation), iOS 8.0	Failed	
testPhotoScale	Passed	
testJSONLoadPerformance	Passed	0.03 s

Performance Result

Result: 99.729% better (±1%)

Average: 0.27s

Baseline: 100.00s

Max STDDEV: 10.00%

Edit

Value: 0.281 (3.78%)





View Debugging

Demo



iOS 8 capabilities Triggers for bots Tools for app extensions Async testing API

Localization preview Profile guided optimization Localization export and import

Network and disk I/O gauges

Performance testing

Universal storyboards

New instruments UI

Custom fonts for iOS

Performance tools for Metal

Template image support

Storyboards for OS X

REPL Queue debugging

Playgrounds Bots 2.0

SpriteKit scene editor

Custom views in interface builder

Custom simulators

Vector art support Launch images via Storyboards Profiling tests in instruments













iOS 8

OS X Yosemite

OS X Server

Xcode 6

developer.apple.com/wwdc/resources/



Over 100 sessions

Over 120 labs

Over 1000 Apple engineers

 WWDC14