

What's New in Xcode 6

Session 401

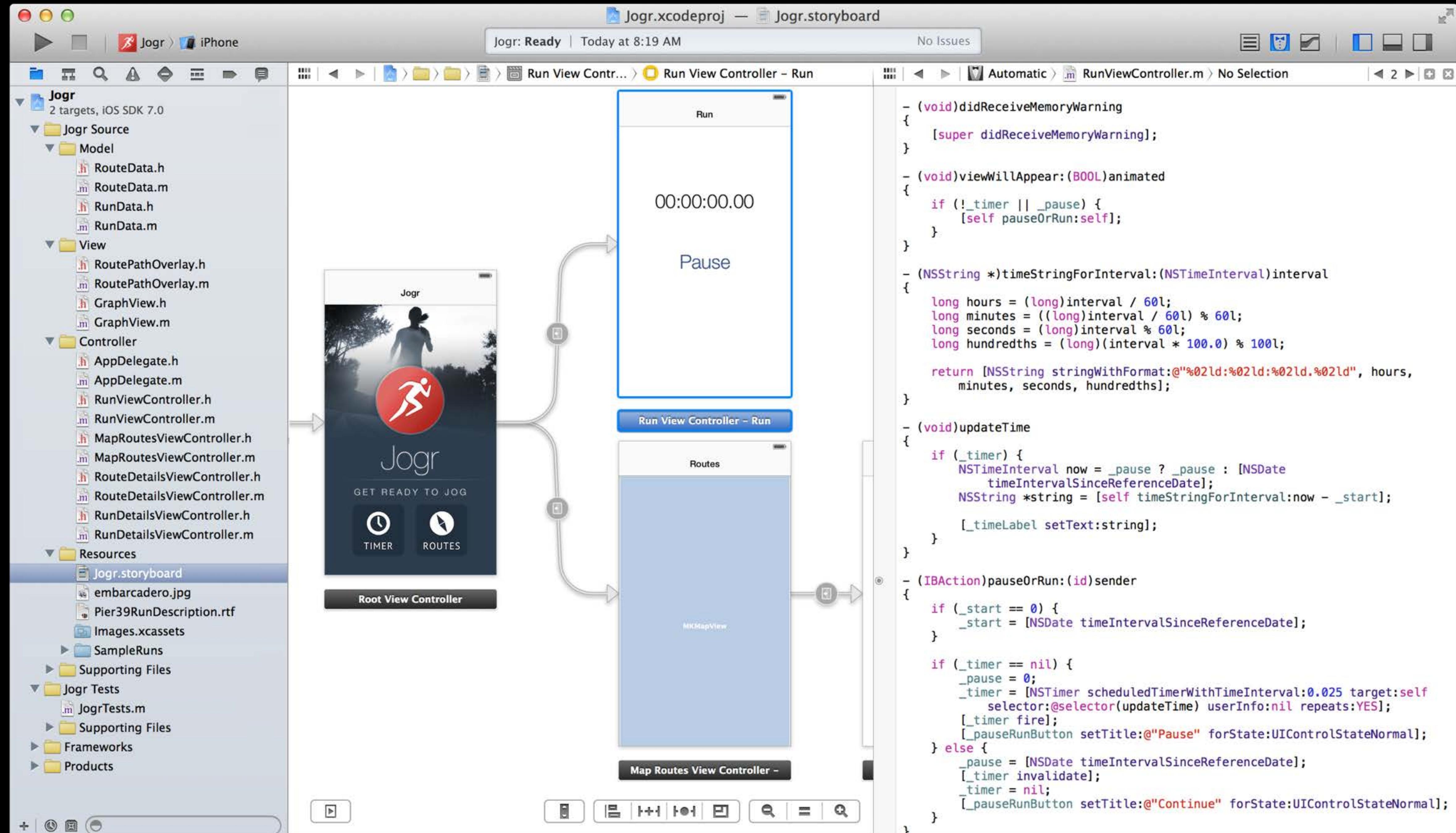
Mike Ferris

Developer Tools

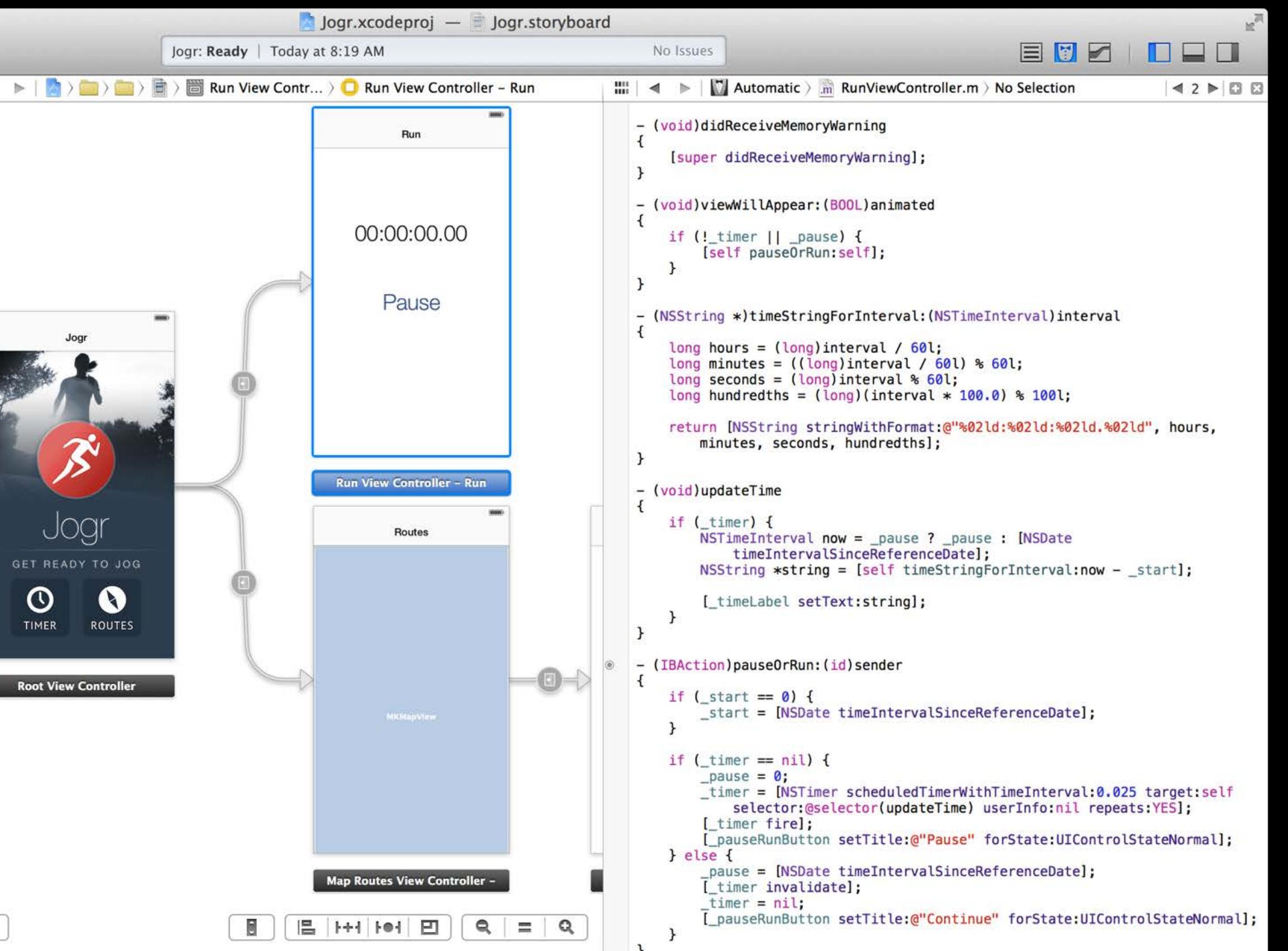




Swift
Live design
Visual debugging
Performance testing



64-bit for iOS Auto Layout Quick Look





Shutterbugs | Build Shutterbugs: Succeeded | 5/29/14 at 9:33 AM

Shutterbugs

4 targets, iOS SDK 8.0

Shutterbugs

Views

- CroppedPictureView.h
- CroppedPictureView.m
- GamePlayerCollectionViewCell.h
- GamePlayerCollectionViewCell.m
- PhotoCommentTableViewCell.h
- PhotoCommentTableViewCell.m
- GameTableHeaderLabel.h
- GameTableHeaderLabel.m
- GamesTableViewCell.swift

Controllers

- SignInViewController.h
- SignInViewController.m
- GameCollectionViewController.h
- GameCollectionViewController.m
- PhotoDetailViewController.h
- PhotoDetailViewController.m
- GamesTableViewCell.swift
- ZoomedPhotoViewController.h
- ZoomedPhotoViewController.m
- AppDelegate.h
- AppDelegate.m
- Main.storyboard
- VignetteFilter.swift
- Images.xcassets
- DrawingTests.playground
- Resources
- Supporting Files

ShutterbugsTests

- PlayerTests.m
- GameTests.m
- PhotoVotingTests.m
- Supporting Files

CoreShutterbugs

CoreShutterbugsTests

Products

Image View - green.png

GamesTableViewCellController.swift

Copyright (c) 2014 Apple Inc. All rights reserved.

```
// GamesTableViewCellController.swift
// Shutterbugs
//
// Copyright (c) 2014 Apple Inc. All rights reserved.

import UIKit
import CoreShutterbugs

class GamesTableViewCellController: UITableViewController {

    var userSession: UserSession!

    func gameListForSection(section: Int) -> Game[] {
        if section == 0 {
            return self.userSession.inProgressGames as Game[]
        } else {
            return self.userSession.completedGames as Game[]
        }
    }

    // Get the appropriate game (or nil) for the given index path.
    func gameForIndexPath(indexPath: NSIndexPath) -> Game? {
        // Get the appropriate game for this cell.
        var games = self.gameListForSection(indexPath.section)

        if indexPath.row < games.count {
            return games[indexPath.row]
        }

        return nil
    }

    // Table view data source

    override func numberOfSectionsInTableView(tableView: UITableView!) -> Int {
        // Return the number of sections.
        return 2
    }

    override func tableView(tableView: UITableView!, numberOfRowsInSection section: Int) -> Int {
        // Return the number of rows in the section.
    }
}
```

Add New Constraints

63

0 0 0

Spacing to nearest neighbor

Width: 320
Height: 316

Equal Widths
Equal Heights
Aspect Ratio
Align: Leading Edges

Update Frames: None

Table View
Prototype Content

3 comments, 2 likes

Prototype Cells

Name Comment

Image View - green.png

iPhone 5s





Balloons — Balloons.playground — Edited

Balloons — Balloons.playground — Edited

```

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 +



Functions and Closures

Use `func` to declare a function. Call a function by following its name with a list of arguments in parentheses. Use `->` to separate the parameter names and types from the function's return type.

```
func greet(name: String, day: String) -> String {  
    return "Hello \(name), today is \(day)."  
}  
greet("Bob", "Tuesday")
```

"Hello Bob, today is Tuesday."

"Hello Bob, today is Tuesday."

EXPERIMENT

Remove the `day` parameter. Add a parameter to include today's lunch special in the greeting.

Use a tuple to return multiple values from a function.

```
func getGasPrices() -> (Double, Double, Double) {  
    return (3.59, 3.69, 3.79)  
}  
getGasPrices()
```

(.0 3.59, .1 3.69, .2 3.79)

(.0 3.59, .1 3.69, .2 3.79)

Functions can also take a variable number of arguments, collecting them into an array.

Shutterbugs > iPhone 5s

Shutterbugs | Build Shutterbugs: Succeeded | Yesterday at 3:21 PM

Shutterbugs > Photo Detail View Controller Scene > Photo Details View Controller

Automatic > PhotoDetailsViewController.swift > viewDidLoad()

The screenshot shows the Xcode interface with two main panes. The left pane displays the storyboard for the 'Photo Details View Controller'. It features a large image view containing a green flower, with a blue line indicating a connection to the 'imageView' outlet in the code. Below the image view is a table view prototype cell with sections for 'Name' and 'Comment'. The right pane shows the 'PhotoDetailsViewController.swift' file with the following code:

```
// PhotoDetailsViewController.swift
// Shutterbugs
//
// Copyright (c) 2014 Apple Inc. All rights reserved.

import UIKit

class PhotoDetailsViewController: UIViewController, UITableViewDataSource {

    @IBOutlet var imageView: UIImageView!
    @IBOutlet var commentsView: UITableView!

    override func viewDidLoad() {
        super.viewDidLoad()

        title = gameEntry.playerName
        commentsView.dataSource = self
        imageView.image = gameEntry.image
        commentsView.separatorInset = UIEdgeInsets(top: 0, left: 0, bottom: 45, right: 0)
    }

    override func viewWillAppear(animated: Bool) {
        // Post-appearance configuration
        self.configureDisplayedView(view)

        // Validate our GameComment objects in the background.
        gameComments = gameEntry.comments
        self.validateGameCommentsInBackground(gameComments)
    }

    override func didReceiveMemoryWarning() {
        super.didReceiveMemoryWarning()
        // Dispose of any resources that can be recreated.
    }

    func tableView(tableView: UITableView!, numberOfRowsInSection section: Int) -> Int {

```

```
/* NSUndoManager.h
Copyright (c) 1995–2014, Apple Inc. All rights reserved.
*/

//
// NSUndoManager is a general-purpose undo stack where clients can register
// callbacks to be invoked should an undo be requested.
//

// used with NSRunLoop's performSelector:target:argument:order:modes:

var NSUndoCloseGroupingRunLoopOrdering: Int { get }

class NSUndoManager : NSObject {

    /* Begin/End Grouping */

    func beginUndoGrouping()
    func endUndoGrouping()
    // These nest.

    var groupingLevel: Int { get }
    // Zero means no open group.

    /* Enable/Disable registration */

    func disableUndoRegistration()
    func enableUndoRegistration()
    var undoRegistrationEnabled: Bool { get }

    /* Groups By Event */

    var groupsByEvent: Bool
    // If groupsByEvent is enabled, the undoManager automatically groups
    // all undos registered during a single NSRunLoop event together in
    // a single top-level group. This feature is enabled by default.

    /* Undo levels */

    var levelsOfUndo: Int
    // Sets the number of complete groups (not operations) that should
    // be kept by the manager. When limit is reached, oldest undos are
    // discarded. Set to 0 to disable.
```

```
navigationItem.leftBarButtonItem = myButtonItem
```

navigationItem.leftBarButtonItem = myButtonItem

Declaration `var leftBarButtonItem: UIBarButtonItem! { get set }`

Description A custom bar button item displayed on the left of the navigation bar when the receiver is the top navigation item.

Availability iOS (2.0 and later)

Declared In [UINavigationBar.h](#)

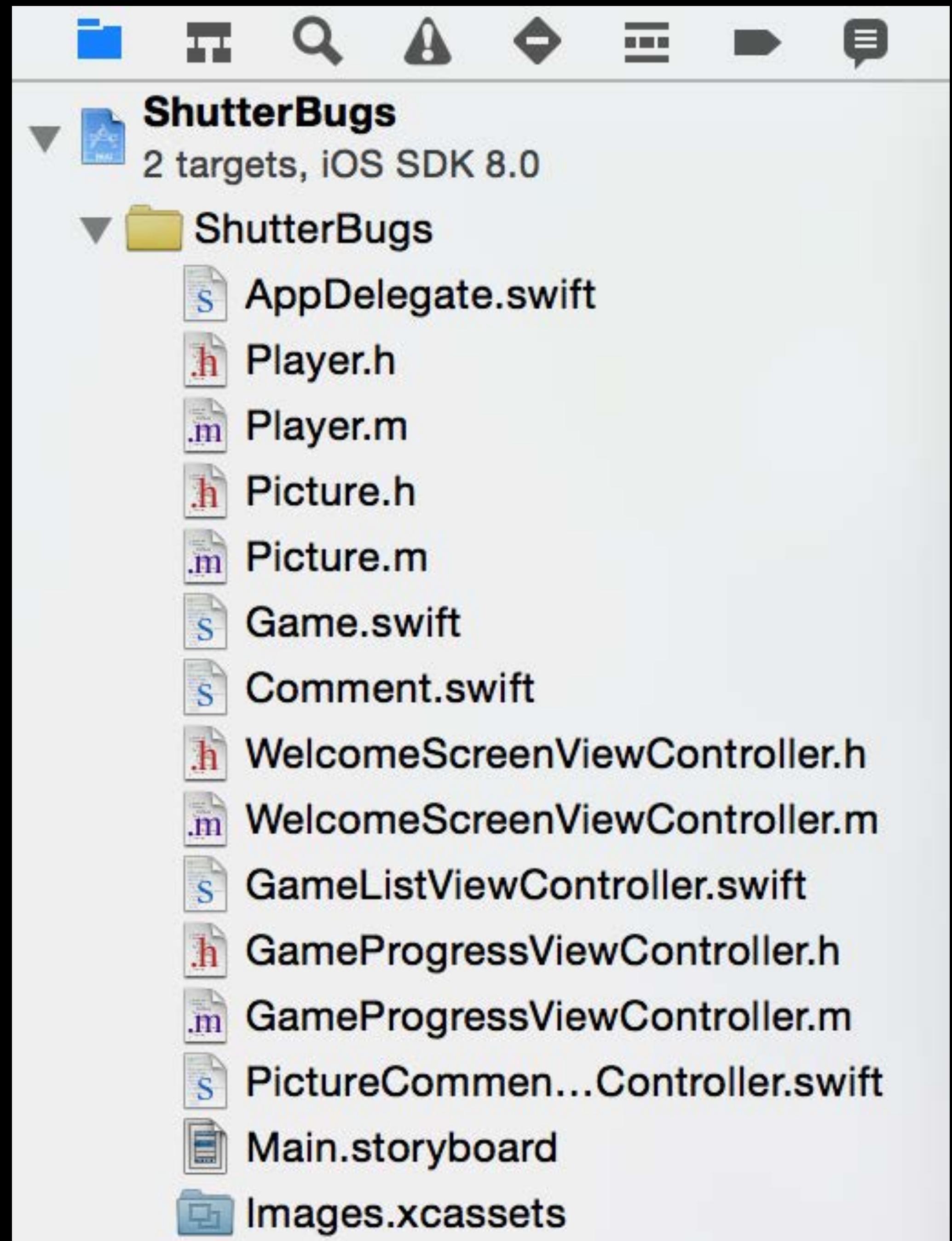
Reference [UINavigationItem Class Reference](#)

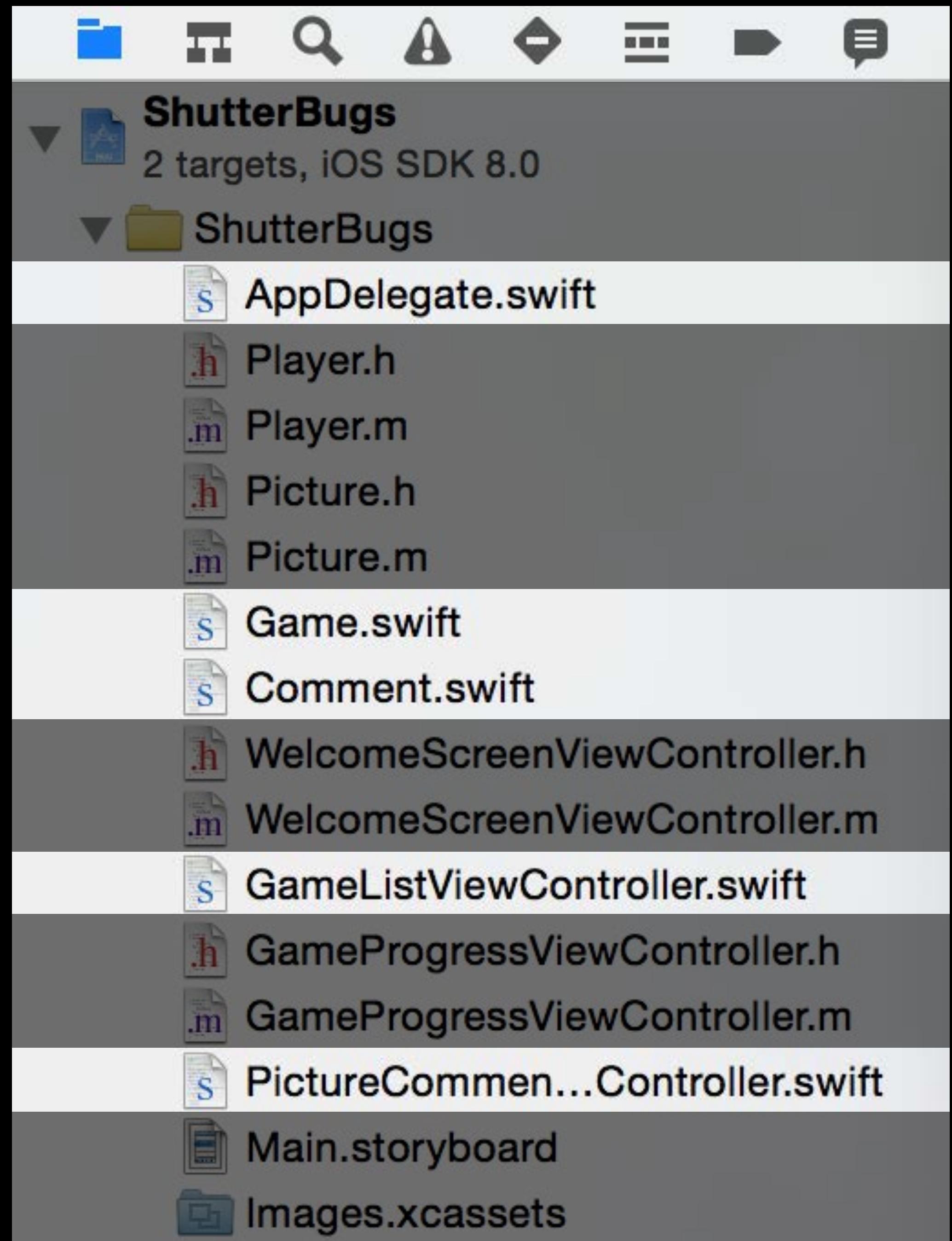
```
let object = fetchedResultsController.
```

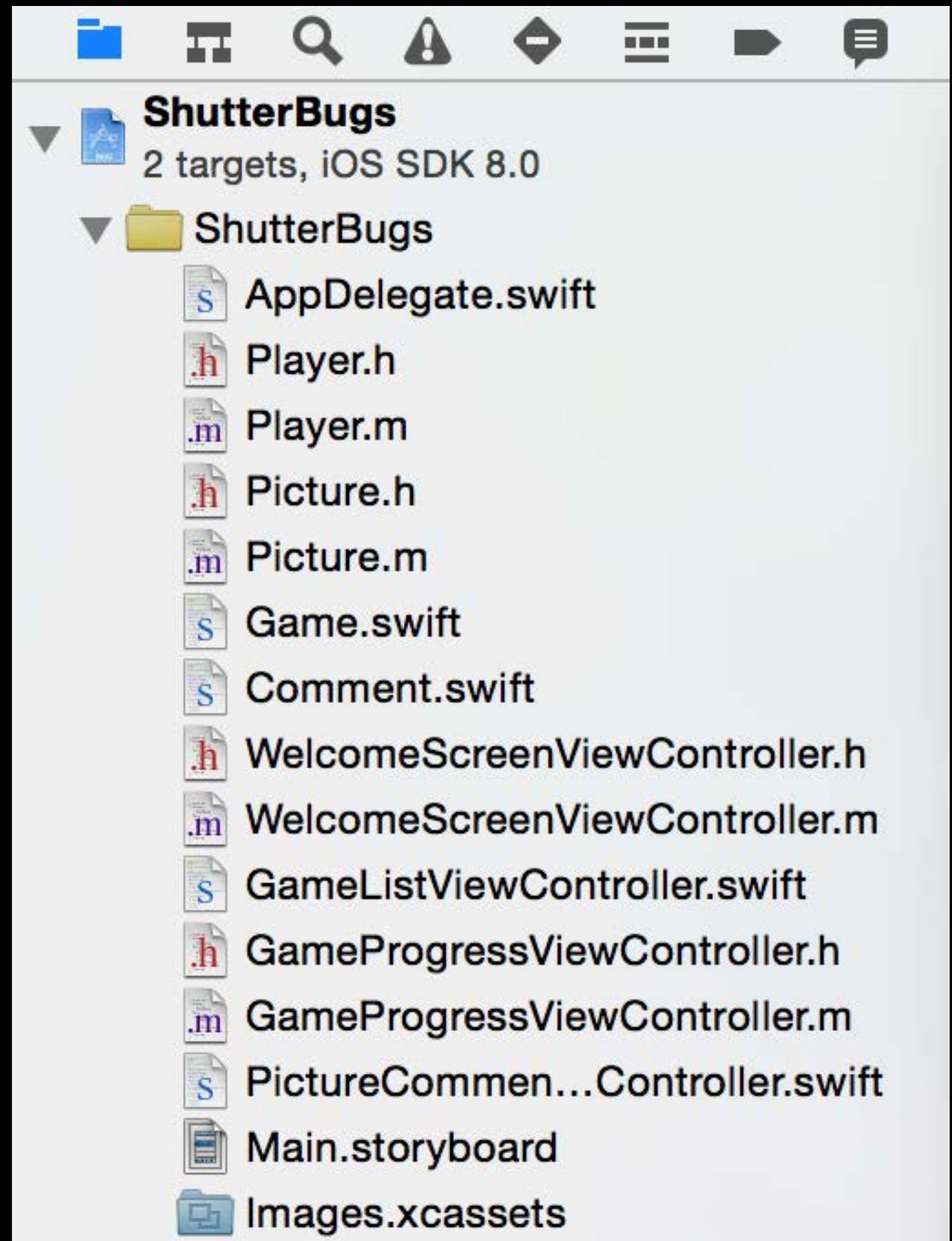
let object = fetchedResultsController.

Declaration let object: NSManagedObject

Declared In [MasterViewController.swift](#)

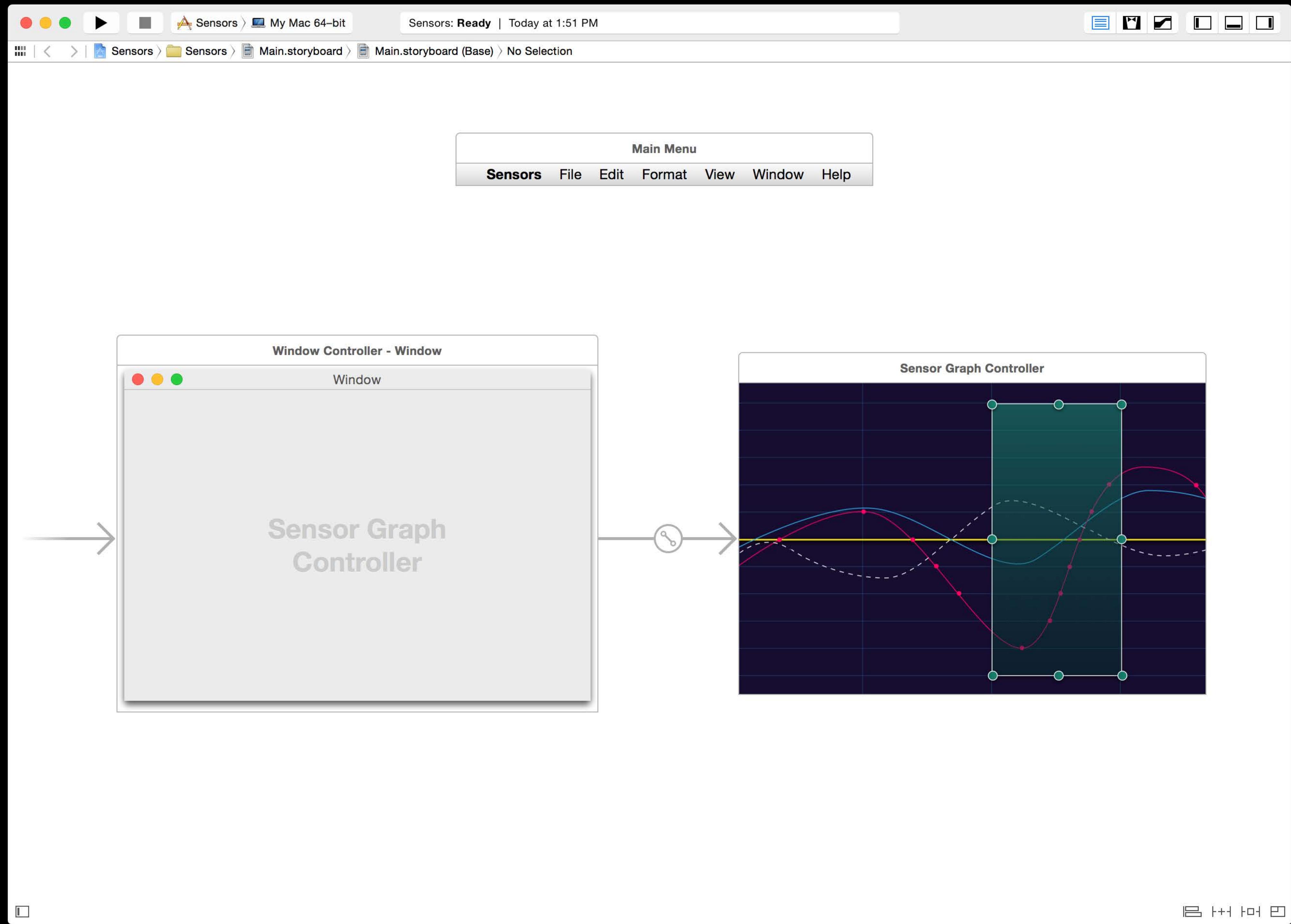


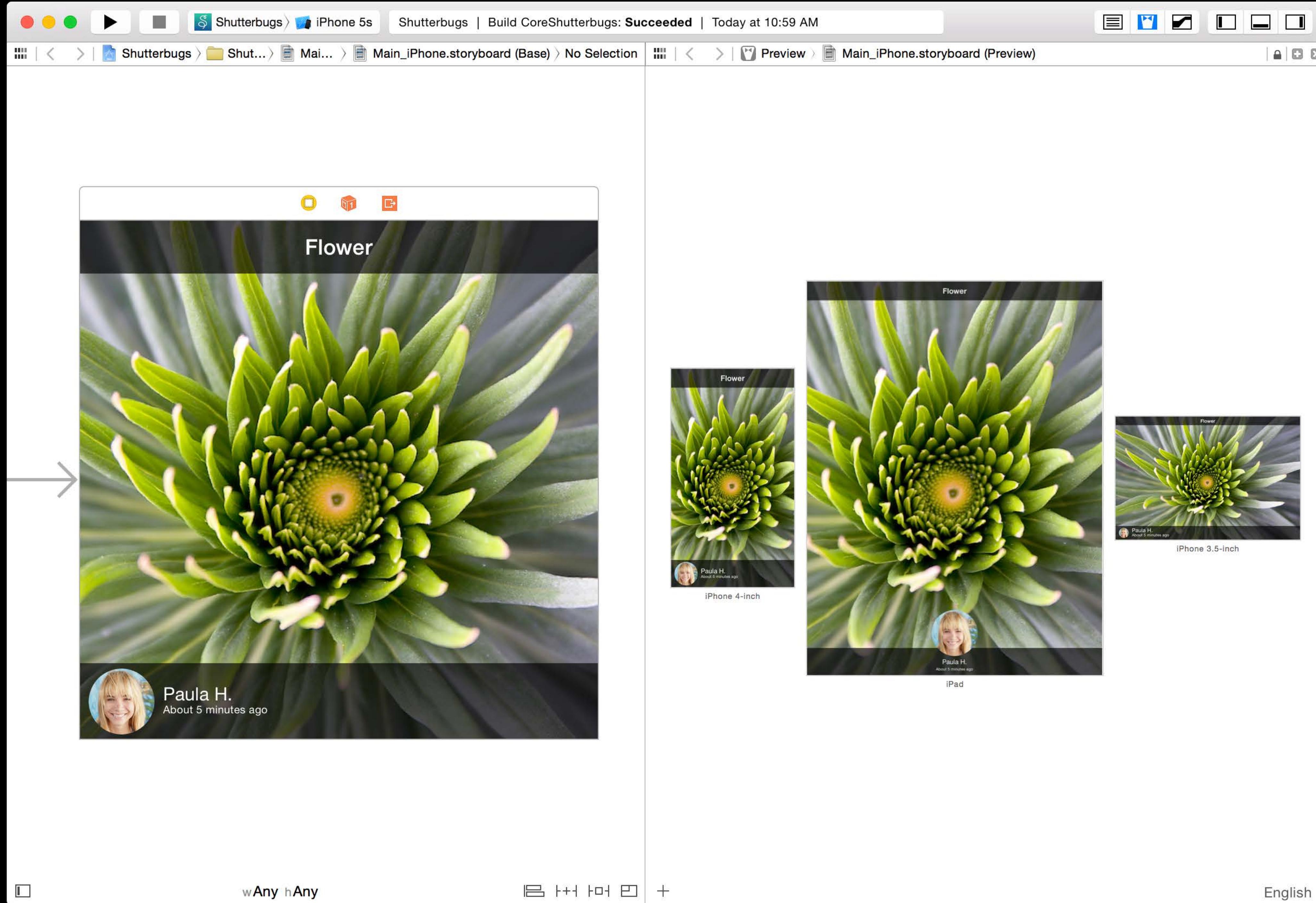


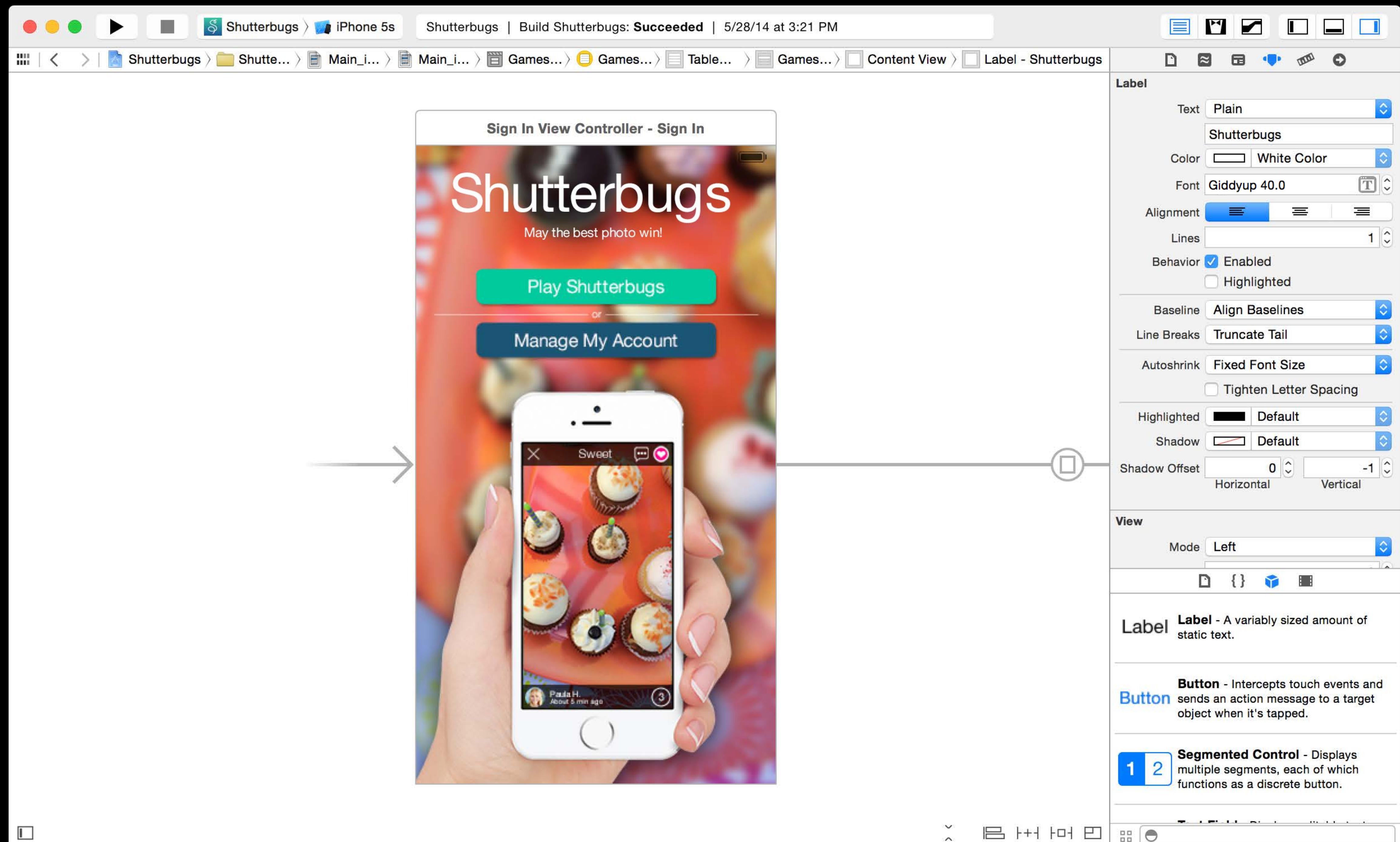


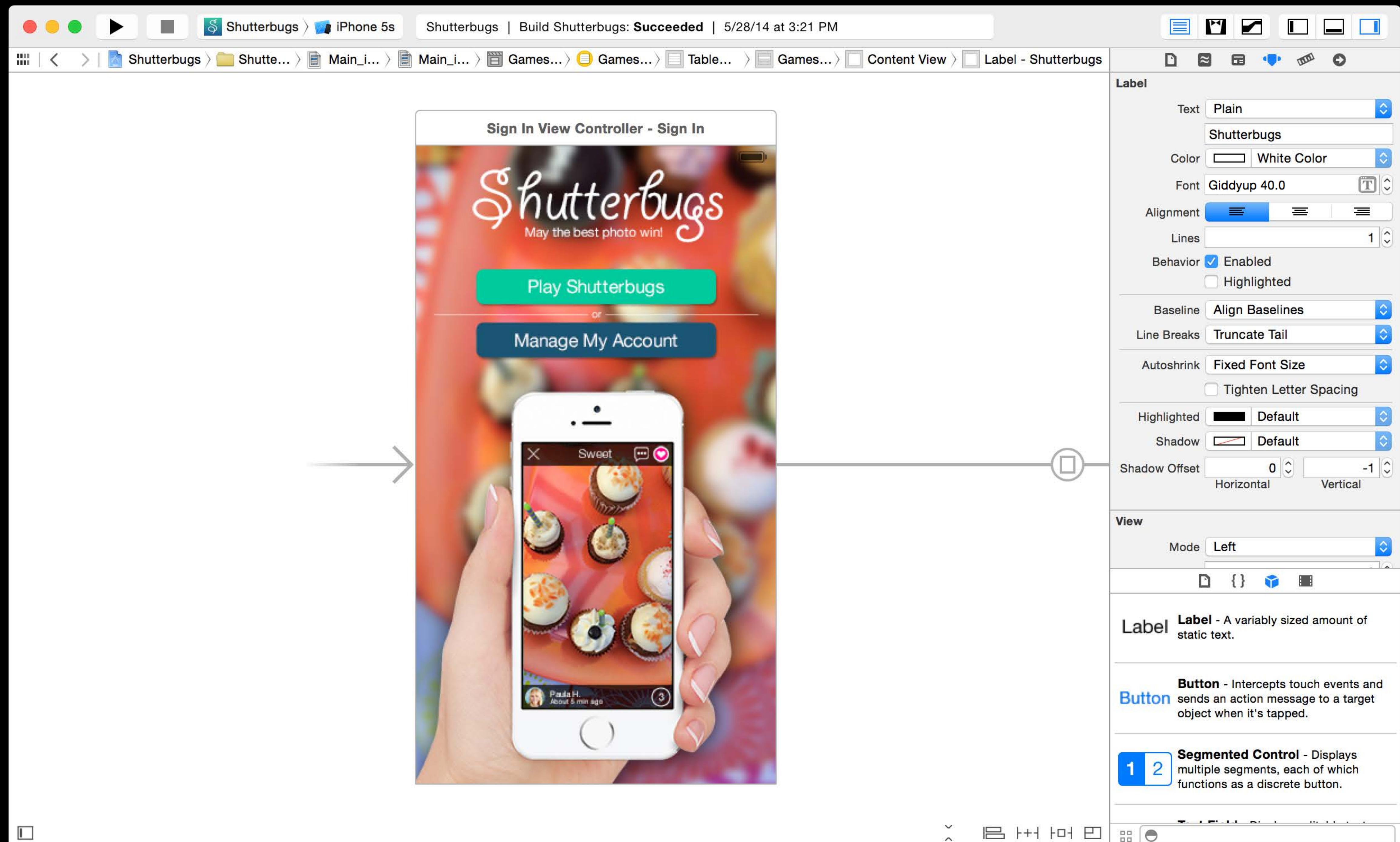


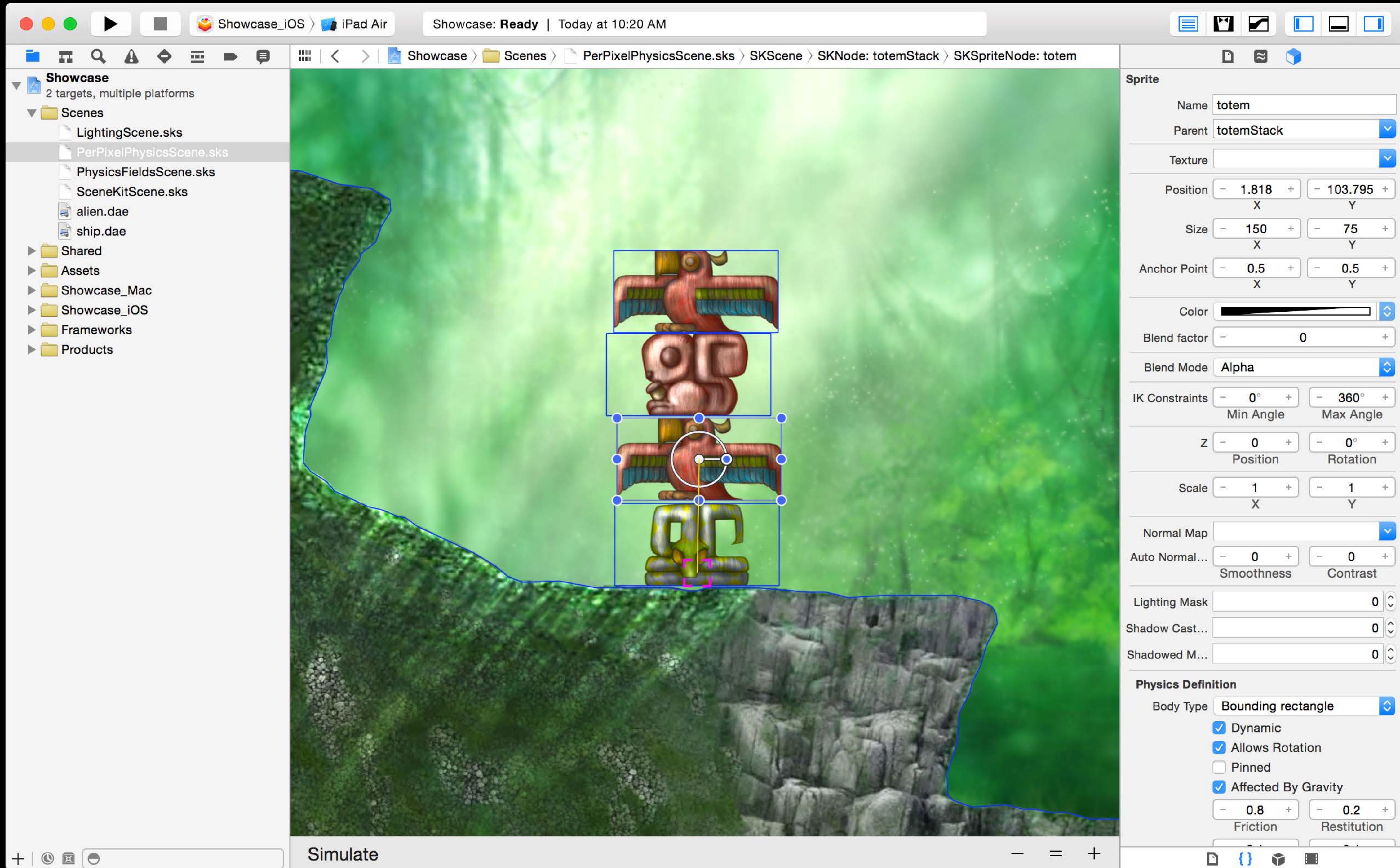
Design













My Mac 64... Importing localizations | Comparing import and project

MainMenu.xib.comparison > No Selection

1	2	5.title	1	2	5.title
3	/* Class = "NSMenuItem"; title	3	/* Class = "NSMenuItem"; title	3	/* Class = "NSMenuItem"; title
	= "Bring All to Front";		= "Bring All to Front";		= "Bring All to Front";
	ObjectID = "5"; */		ObjectID = "5"; */		ObjectID = "5"; */
4	"Bring All to Front"	4	"Bring All to Front"	4	"將此程式所有視窗移至最前"
5	(No Translation)	5	(No Translation)	5	(No Translation)
6		6		6	
7	19.title	7	19.title	7	19.title
8	/* Class = "NSMenuItem"; title	8	/* Class = "NSMenuItem"; title	8	/* Class = "NSMenuItem"; title
	= "Window"; ObjectID =		= "Window"; ObjectID =		= "Window"; ObjectID =
	"19"; */		"19"; */		"19"; */
9	"Window"	9	"Window"	9	"Window"
10	(No Translation)	10	(No Translation)	10	(No Translation)
11		11		11	
12	23.title	12	23.title	12	23.title
13	/* Class = "NSMenuItem"; title	13	/* Class = "NSMenuItem"; title	13	/* Class = "NSMenuItem"; title
	= "Minimize"; ObjectID =		= "Minimize"; ObjectID =		= "Minimize"; ObjectID =
	"23"; */		"23"; */		"23"; */
14	"Minimize"	14	"Minimize"	14	"Minimize"
15	(No Translation)	15	(No Translation)	15	(No Translation)
16		16		16	
17	24.title	17	24.title	17	24.title
18	/* Class = "NSMenu"; title =	18	/* Class = "NSMenu"; title =	18	/* Class = "NSMenu"; title =
	"Window"; ObjectID = "24";		"Window"; ObjectID = "24";		"Window"; ObjectID = "24";
	*/		*/		*/
19	"Window"	19	"Window"	19	"Window"
20	(No Translation)	20	(No Translation)	20	(No Translation)
21		21		21	
22	20 + i + 10	22	20 + i + 10	22	20 + i + 10

Cancel Import

Mountains project
Mountains
Mountains
MainMenu.xib
Mountains.strings
Supporting Files
InfoPlist.strings

The screenshot shows the Xcode interface with a storyboard on the left and a code editor on the right.

Storyboard View:

- The title bar shows "Sight Rate iOS" and "iPhone 5s".
- The status bar indicates "Sight Rate | Build SightRateKit_iOS: Succeeded | Today at 9:51 AM".
- The storyboard is titled "Sight List Table View Controller - Sights".
- A prototype cell is selected, labeled "Prototype Cells".
- The cell contains a circular image placeholder with "NY" and two small profile icons, with a green border.
- To the right of the image is a "Label" with the text "Label" below it.
- Below the prototype cell is a "Table View" section labeled "Prototype Content".
- A large gray arrow points from the storyboard towards the code editor.

Code Editor View:

```
//  
// SightTileView.swift  
// Sight Rate  
//  
// Copyright (c) 2014 Apple Inc. All rights reserved.  
  
import SightRateFoundation  
import QuartzCore  
import UIKit  
  
@IBDesignable  
class SightTileView: UIView {  
    var backgroundRingLayer: CAShapeLayer!  
    var abbreviationLabel: UILabel!  
    var ringLayer: CAShapeLayer!  
    var imageLayer: CALayer!  
    var image: UIImage!  
  
    @IBInspectable var lineWidth: CGFloat = 6.0 {  
        didSet { setNeedsLayout() }  
    }  
    @IBInspectable var lineSeparation: CGFloat = 3.0 {  
        didSet { setNeedsLayout() }  
    }  
    @IBInspectable var rating: Double = 0.8 {  
        didSet { updateLayerProperties() }  
    }  
    @IBInspectable var abbreviation: String! {  
        didSet { updateLayerProperties() }  
    }  
  
    override func prepareForInterfaceBuilder() {  
        super.prepareForInterfaceBuilder()  
  
        // (lldb) po NSProcessInfo.processInfo().environment  
        // [  
        //     IB_PROJECT_SOURCE_DIRECTORIES = "/foo/bar/project 1,  
        //                                     foo/baz/project 2",  
        // ]  
    }  
}
```

Sight Rate iOS > iPhone 5s Sight Rate | Build SightRateKit_iOS: Succeeded | Today at 9:51 AM

Sight Slideshow Details... > Sight Slideshow Details View Controller

```
//  
//  SightTileView.swift  
//  Sight Rate  
//  
//  Copyright (c) 2014 Apple Inc. All rights reserved.  
  
import SightRateFoundation  
import QuartzCore  
import UIKit  
  
@IBDesignable  
class SightTileView: UIView {  
    var backgroundRingLayer: CAShapeLayer!  
    var abbreviationLabel: UILabel!  
    var ringLayer: CAShapeLayer!  
    var imageLayer: CALayer!  
    var image: UIImage!  
  
    @IBInspectable var lineWidth: CGFloat = 6.0 {  
        didSet { setNeedsLayout() }  
    }  
    @IBInspectable var lineSeparation: CGFloat = 3.0 {  
        didSet { setNeedsLayout() }  
    }  
    @IBInspectable var rating: Double = 0.8 {  
        didSet { updateLayerProperties() }  
    }  
    @IBInspectable var abbreviation: String! {  
        didSet { updateLayerProperties() }  
    }  
  
    override func prepareForInterfaceBuilder() {  
        super.prepareForInterfaceBuilder()  
  
        // (lldb) po NSProcessInfo.processInfo().environment  
        // [  
        //     IB_PROJECT_SOURCE_DIRECTORIES = "/foo/bar/project 1,  
        //                                     foo/baz/project 2",  
        // ]  
    }  
}
```

The screenshot shows the Xcode interface with a storyboard on the left and a code editor on the right.

Storyboard View:

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- The cell contains a circular image placeholder with "NY" and two small profile icons, with a green border.
- To the right of the image is a "Label" with the text "Label" below it.
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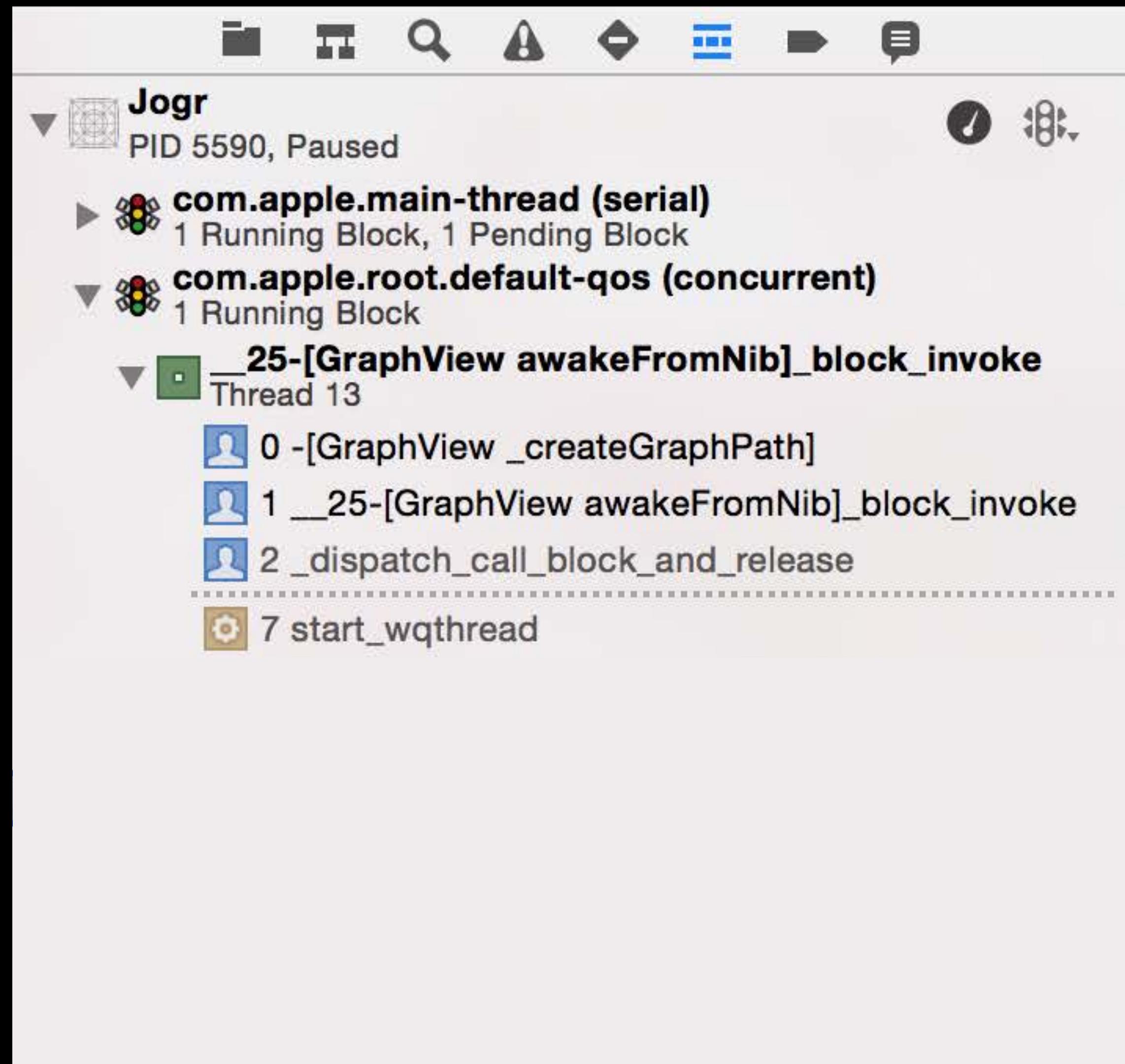
Code Editor View:

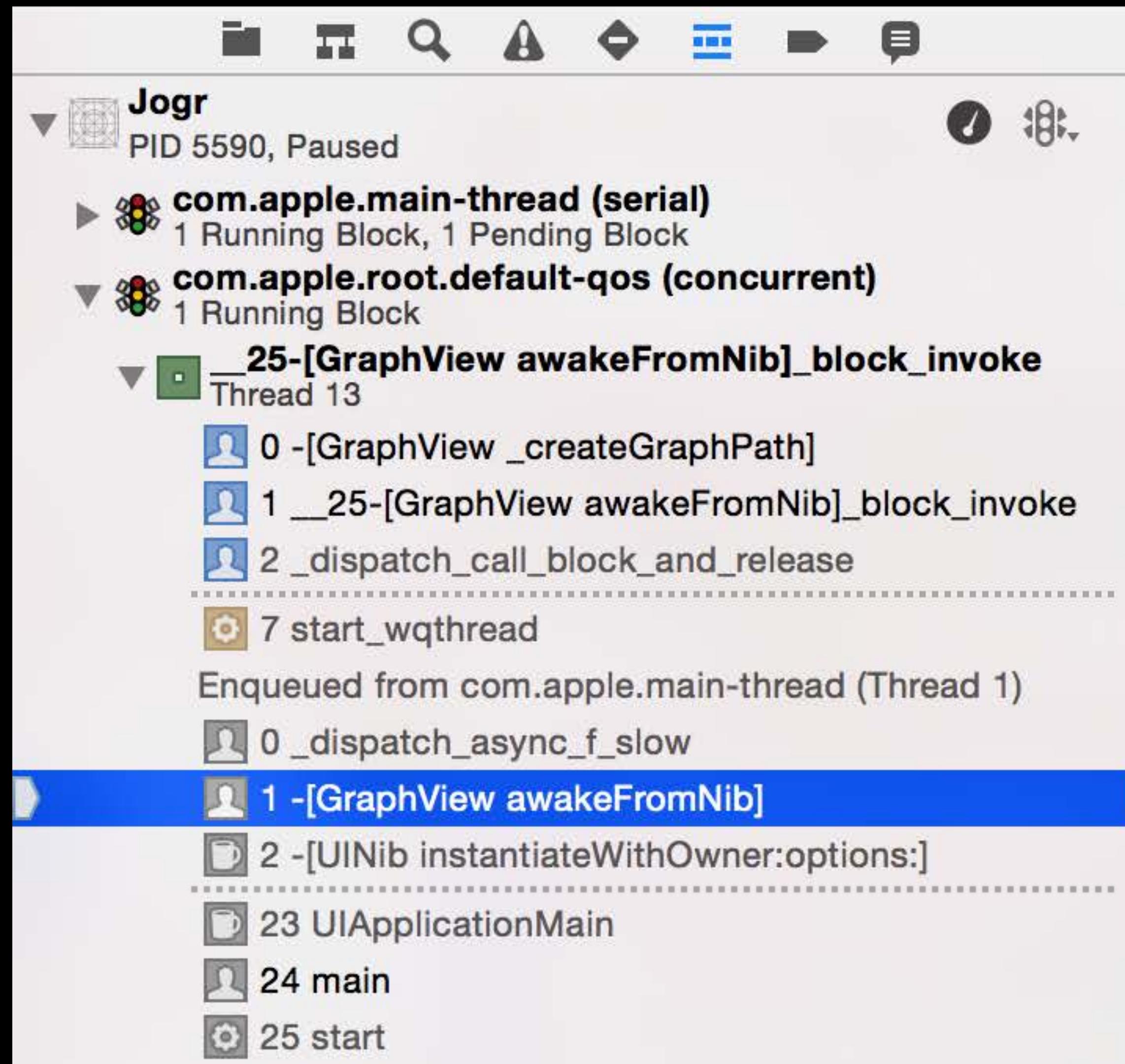
```
//  
// SightTileView.swift  
// Sight Rate  
//  
// Copyright (c) 2014 Apple Inc. All rights reserved.  
  
import SightRateFoundation  
import QuartzCore  
import UIKit  
  
@IBDesignable  
class SightTileView: UIView {  
    var backgroundRingLayer: CAShapeLayer!  
    var abbreviationLabel: UILabel!  
    var ringLayer: CAShapeLayer!  
    var imageLayer: CALayer!  
    var image: UIImage!  
  
    @IBInspectable var lineWidth: CGFloat = 6.0 {  
        didSet { setNeedsLayout() }  
    }  
    @IBInspectable var lineSeparation: CGFloat = 3.0 {  
        didSet { setNeedsLayout() }  
    }  
    @IBInspectable var rating: Double = 0.8 {  
        didSet { updateLayerProperties() }  
    }  
    @IBInspectable var abbreviation: String! {  
        didSet { updateLayerProperties() }  
    }  
  
    override func prepareForInterfaceBuilder() {  
        super.prepareForInterfaceBuilder()  
  
        // (lldb) po NSProcessInfo.processInfo().environment  
        // [  
        //     IB_PROJECT_SOURCE_DIRECTORIES = "/foo/bar/project 1,  
        //                                     foo/baz/project 2",  
        // ]  
    }  
}
```

LDB

L L D B

LDB





WWDC Today > Mike's iPad ② Running com.apple.WWDC.WWDC-Today on Mike's iPad

com.apple.WWDC.WWDC-Today PID 813, Paused

CPU 3%
Memory 4.9 MB
Disk Zero KB/s
Network Zero KB/s

Thread 1 Queue: com.apple.main-thread (serial)

- 0 -[TodayViewController getSessionFromDatabase]
- 1 -[TodayViewController viewDidLoad]
- 2 <redacted>
- 42 start Enqueued from com.apple.uikit._UIViewSer...
- 0 _dispatch_barrier_async_f
- 15 start_wqthread

Thread 2 Queue: com.apple.libdispatch-manager (serial)

- com.apple.coremedia.player.async (9)

Thread 10

Thread 11

Thread 12

Thread 13

```
19 @implementation TodayViewController
20
21 - (instancetype)initWithNibName:(NSString *)nibNameOrNilOrNil {
22     self = [super initWithNibName:nibNameOrNilOrNil];
23     if (self) {
24     }
25     return self;
26 }
27
28 - (WWDCSession *)getSessionFromDatabase {
29     WWDCSession *session = [[WWDCSession alloc] initWithCurrentDatabaseID];
30     return session;
31 }
32
33 - (void)viewDidLoad {
34     [super viewDidLoad];
35     self.nextSession = [self getSessionFromDatabase];
36     self.dateFormatter = [[NSDateFormatter alloc] init];
37     self.secondLabel.backgroundColor = nil;
38     self.label.backgroundColor = nil;
39 }
40
41 - (void)didReceiveMemoryWarning {
42     [super didReceiveMemoryWarning];
}
```

WWDC Today > Thread 1 > 0 -[TodayViewController getSessionFromDatabase]

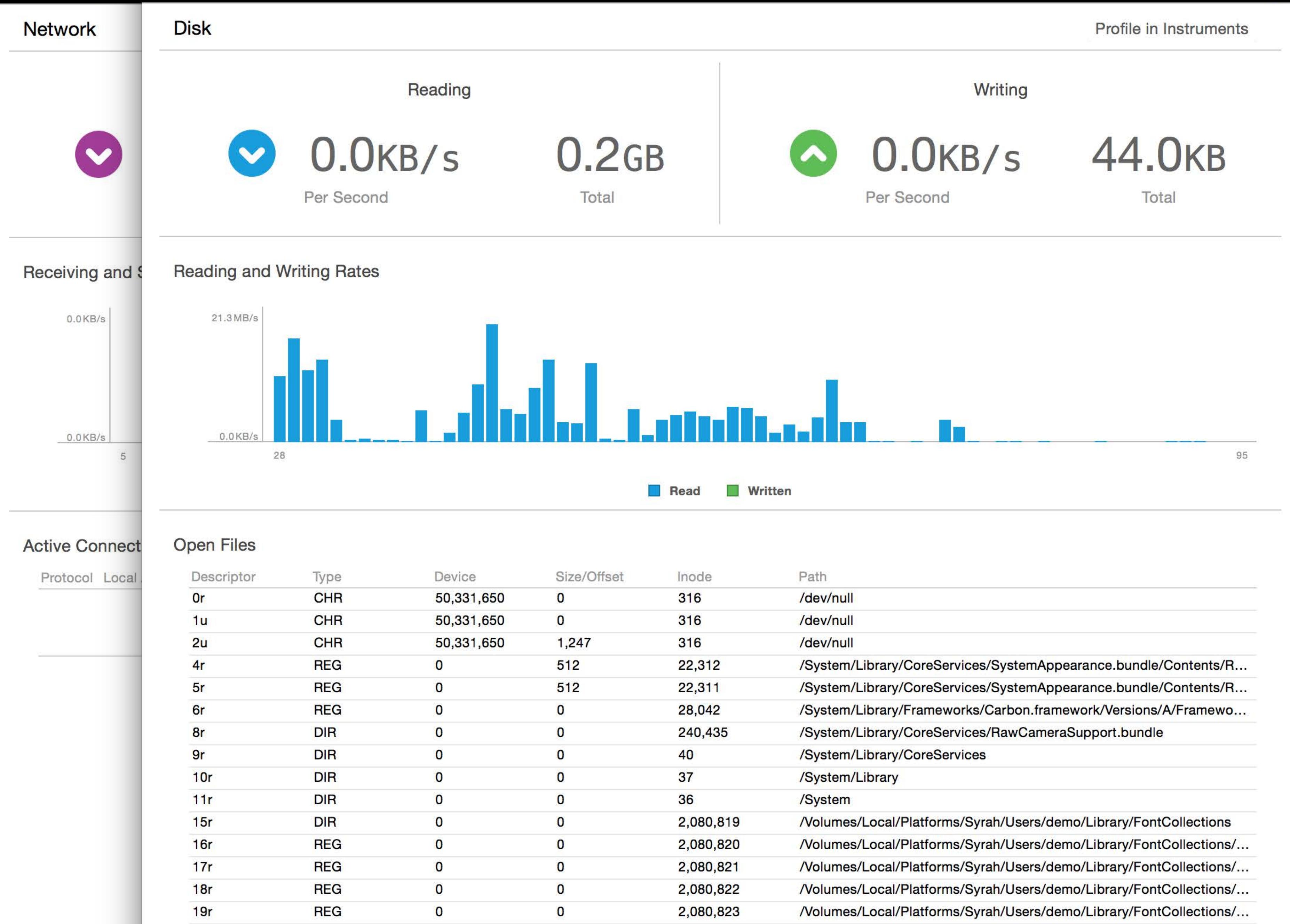
iPad 9:41 AM Today Notifications

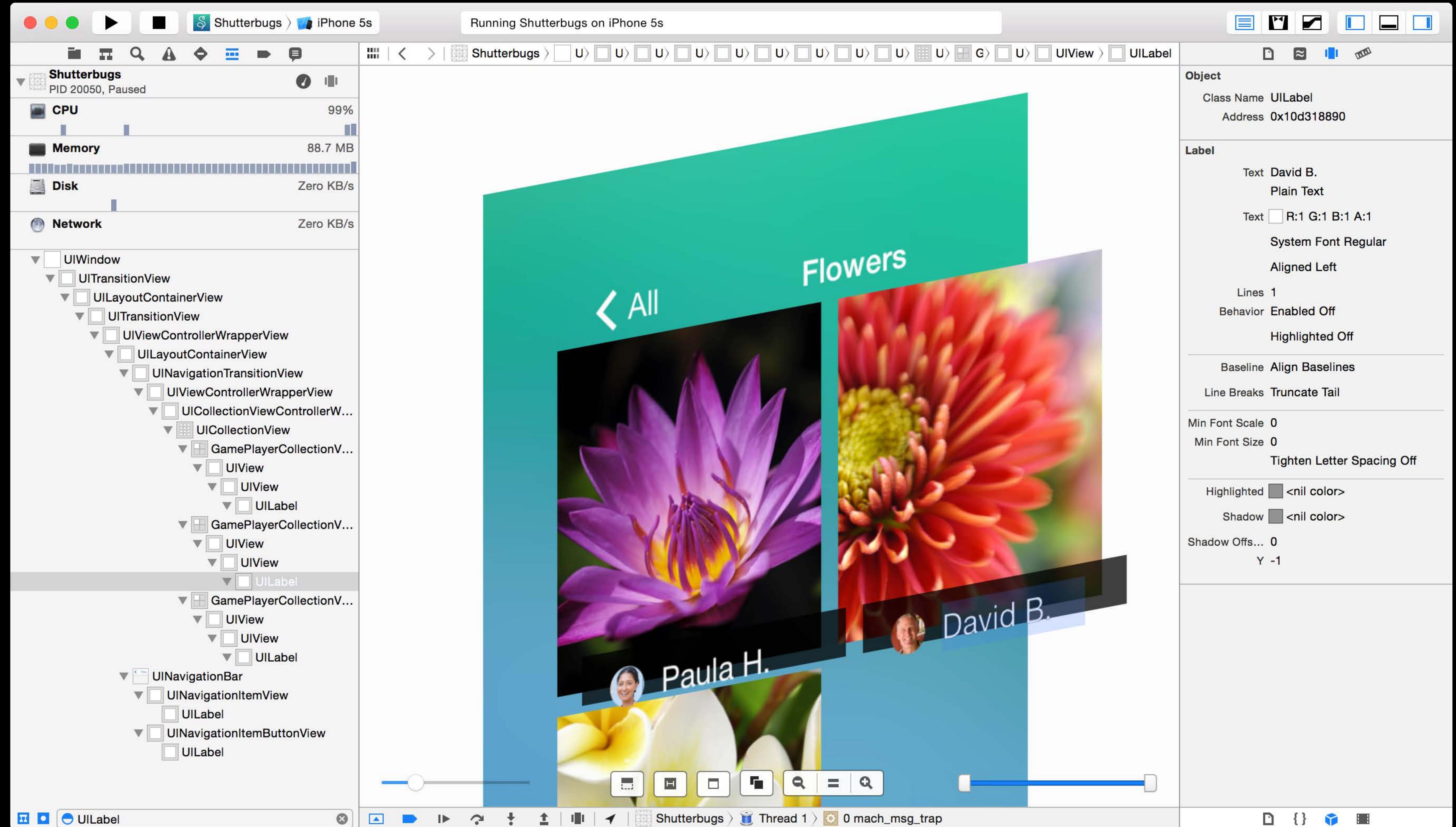
Tuesday, June 3rd

Sunny currently. The high will be 84°. Clear tonight with a

WWDC Today 9:00 - 10:00—What's New in Xcode—Pres

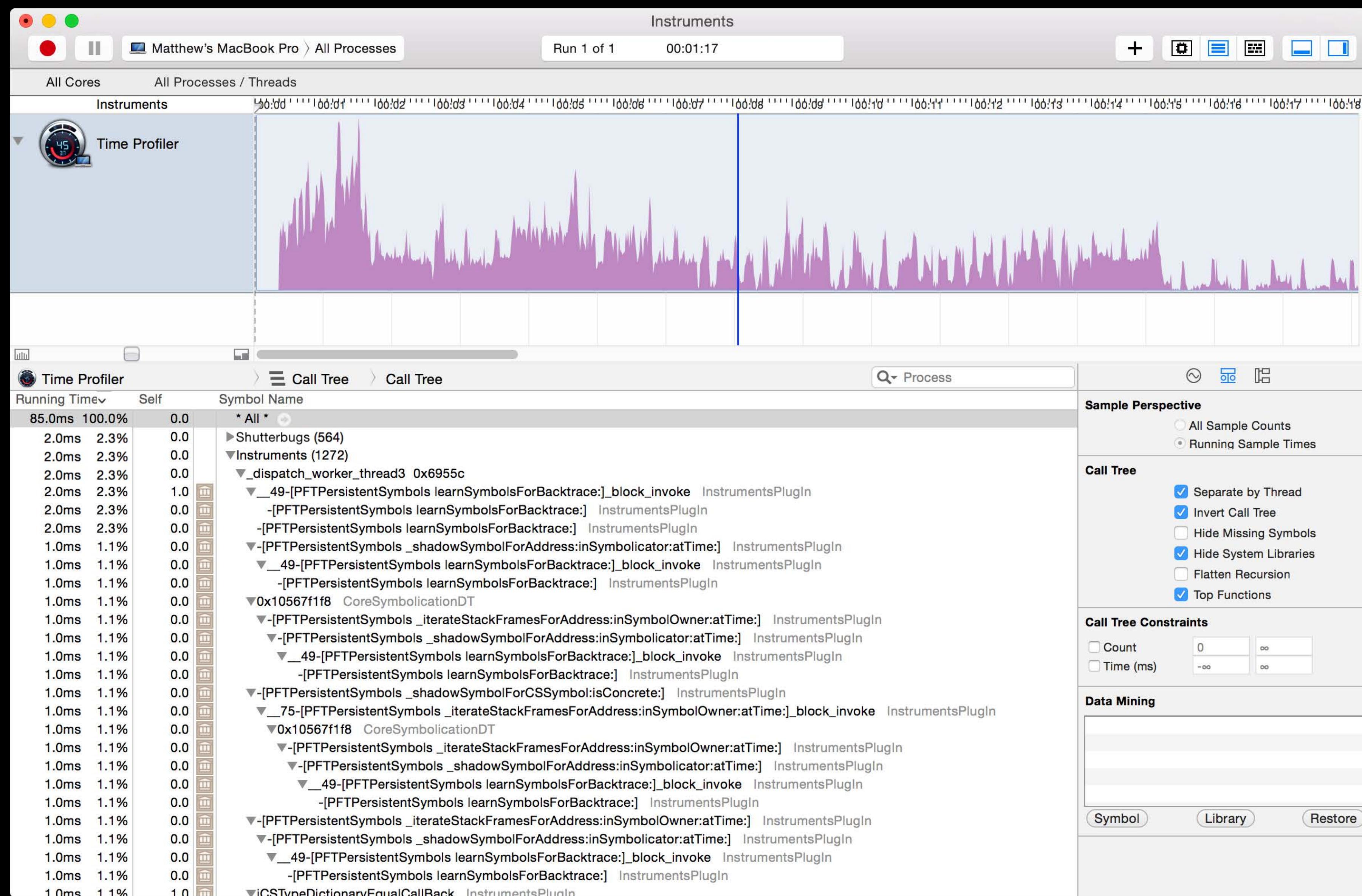
10:15 - 11:15—Best Practices in Cocoa Animation—











Configure bot triggers:

After Integration:

▶ Notify Committers on Failure

x

▼ Run Script

x

```
1 # Open a new issue in our bug tracker
2
3 # ...or sound the "broken bot" siren
4
5 # ...or activate the electrodes in the
6 # chairs of all the recent committers
7
8 # You decide!
```

Run Script: On success

On test failures

On build errors

Cancel

Previous

Create

The screenshot shows the Xcode IDE interface with the following details:

- Project Navigator:** Shows the project structure under "SeismicXML Tests".
- Search Bar:** Displays the path: SeismicXML > SeismicXML Tests > TestAPLParseOperation.m > -testParsingValidXML_Time.
- Text Editor:** Contains the source code for the test method `-testParsingValidXML_Time`. The code uses Objective-C syntax and includes XCTest assertions to validate XML parsing results.

```
SeismicXML Tests
5 tests
TestAPLParseOperation
  t testParsingValidXML ✓
  t testValidateEarthQuakeData ✓
  t testValidateEarthQuakeData... ✓
  t testParsingValidXML_Time ✓
TestParseGeoJSON
  t testParseGEOJSON ✓

- (void)testValidateEarthQuakeData_Time {
    NSURL *dataURL = [[NSBundle bundleForClass:[self class]] URLForResource:@"TestInputData"
        withExtension:@"xml"];
    NSData *XMLData = [NSData dataWithContentsOfURL:dataURL];
    APLParseOperation *parseOperation = [[APLParseOperation alloc] initWithData:XMLData];
    [parseOperation start];
    XCTAssertEqual(parseOperation.allEarthquakes.count, 50);
    for (APLEarthquake *earthquake in parseOperation.allEarthquakes) {
        XCTAssert([earthquake validateWithError:NULL]);
    }
}

- (void)testParsingValidXML_Time {
    NSURL *dataURL = [[NSBundle bundleForClass:[self class]] URLForResource:@"TestInputData"
        withExtension:@"xml"];
    NSData *XMLData = [NSData dataWithContentsOfURL:dataURL];
    APLParseOperation *parseOperation = [[APLParseOperation alloc] initWithData:XMLData];
    [parseOperation start];
    XCTAssertEqual(parseOperation.allEarthquakes.count, 50);
}
```

SeismicXML > iPhone 5s SeismicXML | Build SeismicXML: **Succeeded** | Today at 9:00 AM

SeismicXML Tests 5 tests

TestAPLParseOperation

- t testParsingValidXML ✓
- t testValidateEarthQuakeData ✓
- t testValidateEarthQuakeData... ✓
- t testParsingValidXML_Time ✓

- (void)testValidateEarthQuakeData_Time {
 [self measureBlock:^{
 NSURL *dataURL = [[NSBundle bundleForClass:[self class]] URLForResource:@"TestInputData"
 withExtension:@"xml"];
 NSData *XMLData = [NSData dataWithContentsOfURL:dataURL];
 APLParseOperation *parseOperation = [[APLParseOperation alloc] initWithData:XMLData];
 [parseOperation start];
 XCTAssertEqual(parseOperation.allEarthquakes.count, 50);
 for (APLEarthquake *earthquake in parseOperation.allEarthquakes) {
 XCTAssert([earthquake validateWithError:NULL]);
 }
 }];
}

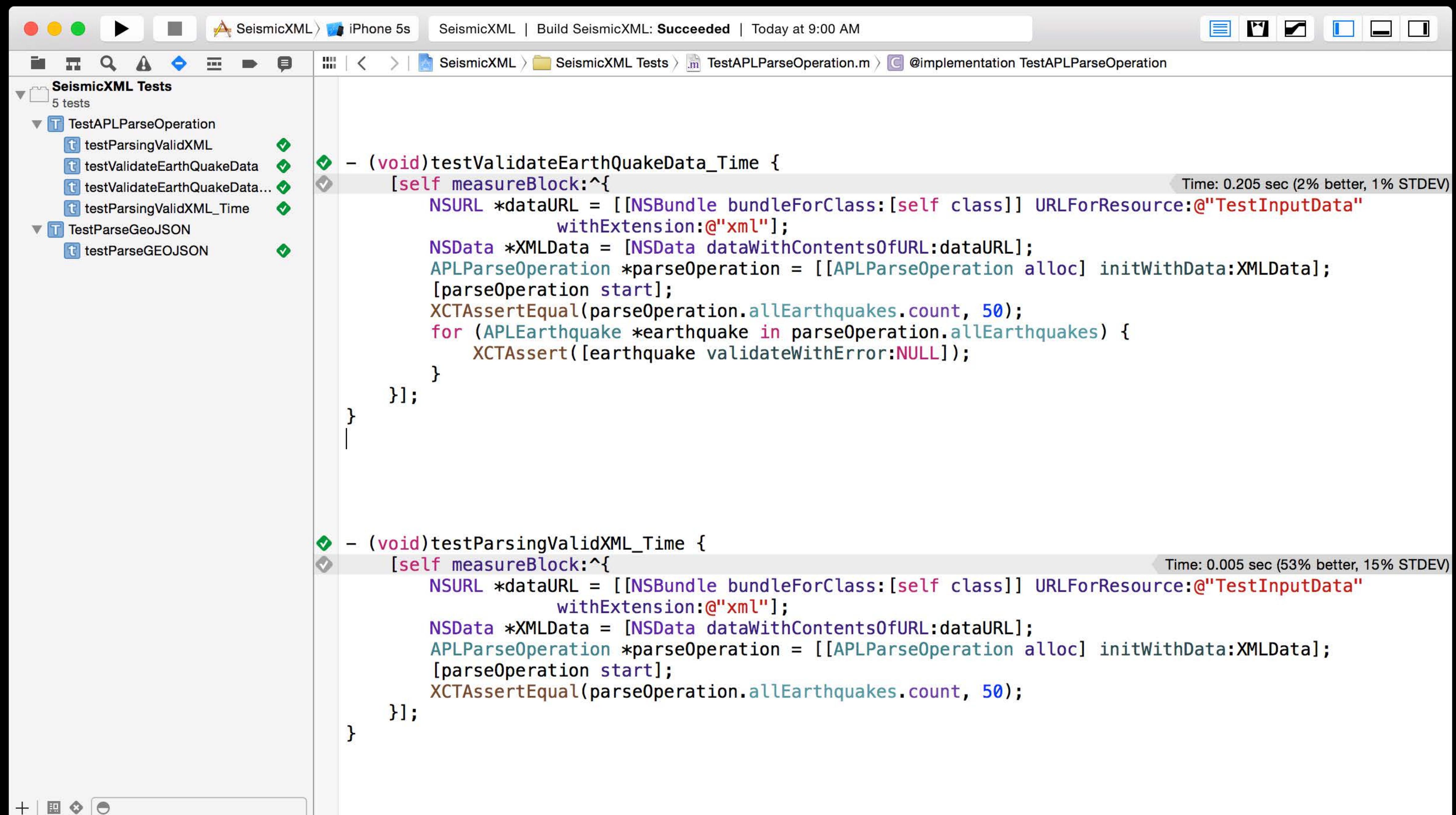
Time: 0.205 sec (2% better, 1% STDEV)

TestParseGeoJSON

- t testParseGEOJSON ✓

- (void)testParsingValidXML_Time {
 [self measureBlock:^{
 NSURL *dataURL = [[NSBundle bundleForClass:[self class]] URLForResource:@"TestInputData"
 withExtension:@"xml"];
 NSData *XMLData = [NSData dataWithContentsOfURL:dataURL];
 APLParseOperation *parseOperation = [[APLParseOperation alloc] initWithData:XMLData];
 [parseOperation start];
 XCTAssertEqual(parseOperation.allEarthquakes.count, 50);
 }];
}

Time: 0.005 sec (53% better, 15% STDEV)



SeismicXML iPhone 5s SeismicXML | Build SeismicXML: Succeeded | Today at 9:00 AM

SeismicXML Tests 5 tests

- TestAPLParseOperation
 - t testParsingValidXML ✓
 - t testValidateEarthQuakeData ✓
 - t testValidateEarthQuakeData... ✓
 - t testParsingValidXML_Time ✓
- TestParseGeoJSON
 - t testParseGEOJSON ✓

void) testValidateEarthQuakeData_Time

Test "testValidateEarthQuakeData_Time"
Profile "testValidateEarthQuakeData_Time"
Disable "testValidateEarthQuakeData_Time"
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 ►

```
Time: 0.205 sec (2% better, 1% STDEV)
eForClass:[self class]] URLForResource:@"TestInputData"
;
hContentsOfURL:dataURL];
= [[APLParseOperation alloc] initWithData:XMLData];
Earthquakes.count, 50);
parseOperation.allEarthquakes) {
eWithError:NULL]);
}

Time: 0.005 sec (53% better, 15% STDEV)
[select measureBlock:^{
    NSURL *dataURL = [[NSBundle bundleForClass:[self class]] URLForResource:@"TestInputData"
        withExtension:@"xml"];
    NSData *XMLData = [NSData dataWithContentsOfURL:dataURL];
    APLParseOperation *parseOperation = [[APLParseOperation alloc] initWithData:XMLData];
    [parseOperation start];
    XCTAssertEqual(parseOperation.allEarthquakes.count, 50);
}];
```

SeismicXML iPhone 5s SeismicXML | Build SeismicXML: Succeeded | Today at 9:00 AM

SeismicXML Tests 5 tests

- TestAPLParseOperation
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 - testValidateEarthquakeData... ✓
 - testParsingValidXML_Time ✓
- TestParseGeoJSON
 - testParseGEOJSON ✓

void testValidateEarthquakeData_Time()
Test "testValidateEarthquakeData_Time"
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ShutterBugz > iPhone 4s ShutterBugz | Build ShutterBugz: **Succeeded** | Today at 1:00 PM 2

By Group By Time

ShutterBugz Today, 1:00 PM

Project Today, 1:34 PM

Analysis Bot My Server

Nightly Bot My Server

On Commit Bot My Server

Integrate (8) Today, 1:35 PM, Failed tests

Integrate (7) Today, 1:31 PM, Finished with w... !

Integrate (6) Today, 1:29 PM, Failed tests ✖

Integrate (5) Today, 1:26 PM, Failed tests ✖

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

Integration 8 1 minute

Summary Tests Logs

All Passed Failed All Performance

Tests Status Time

ShutterBugzTests > ShutterBugzTests

▶ t testPhotoZoom ✓

▼ t testRadialBlurWithCenteredOffset ✖

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) ✖

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) ✖

▶ t testPhotoLevels ✓

▶ t testAtLeastOnePhotoReturned

▶ t testPhotoApplySepiaEffect

▼ t testSortPhotosAlternativeAlgorithm ✖

Matthew's iPad iPad mini (Model A1432), iOS 8.0

Matthew's iPod iPod touch (5th generation), iOS 8.0

▶ t testPhotoScale

▶ t testJSONLoadPerformance

Performance Result

Result: **99.729% better ($\pm 1\%$)**

Average: 0.27s

Baseline: 100.00s

Max STDEV: 10.00% -99.67%

Value: 0.281 (3.78%) 0.03 s

1 2 3 4 5 6 7 8 9 10

Edit

-99.73% -99.67%

Shutterbugs | Build Shutterbugs: Succeeded | 5/29/14 at 9:33 AM

Shutterbugs

4 targets, iOS SDK 8.0

Shutterbugs

Views

- CroppedPictureView.h
- CroppedPictureView.m
- GamePlayerCollectionViewCell.h
- GamePlayerCollectionViewCell.m
- PhotoCommentTableViewCell.h
- PhotoCommentTableViewCell.m
- GameTableHeaderLabel.h
- GameTableHeaderLabel.m
- GamesTableViewCell.swift

Controllers

- SignInViewController.h
- SignInViewController.m
- GameCollectionViewController.h
- GameCollectionViewController.m
- PhotoDetailViewController.h
- PhotoDetailViewController.m
- GamesTableViewCell.swift
- ZoomedPhotoViewController.h
- ZoomedPhotoViewController.m
- AppDelegate.h
- AppDelegate.m
- Main.storyboard
- VignetteFilter.swift
- Images.xcassets
- DrawingTests.playground
- Resources
- Supporting Files

ShutterbugsTests

- PlayerTests.m
- GameTests.m
- PhotoVotingTests.m
- Supporting Files

CoreShutterbugs

CoreShutterbugsTests

Products

Image View - green.png

GamesTableViewCellController.swift

Copyright (c) 2014 Apple Inc. All rights reserved.

```
// GamesTableViewCellController.swift
// Shutterbugs
//
// Copyright (c) 2014 Apple Inc. All rights reserved.

import UIKit
import CoreShutterbugs

class GamesTableViewCellController: UITableViewCell {
    var userSession: UserSession!
    func gameListForSection(section: Int) -> Game[] {
        if section == 0 {
            return self.userSession.inProgressGames as Game[]
        } else {
            return self.userSession.completedGames as Game[]
        }
    }

    // Get the appropriate game (or nil) for the given index path.
    func gameForIndexPath(indexPath: NSIndexPath) -> Game? {
        // Get the appropriate game for this cell.
        var games = self.gameListForSection(indexPath.section)
        if indexPath.row < games.count {
            return games[indexPath.row]
        }
        return nil
    }

    // Table view data source
    override func numberOfSectionsInTableView(tableView: UITableView!) -> Int {
        // Return the number of sections.
        return 2
    }

    override func tableView(tableView: UITableView!, numberOfRowsInSection section: Int) -> Int {
        // Return the number of rows in the section.
    }
}
```

Add New Constraints

63

0 0 0

Spacing to nearest neighbor

Width: 320 Height: 316

Equal Widths Equal Heights Aspect Ratio Align: Leading Edges

Update Frames: None

3 comments, 2 likes

Prototype Cells

Name Comment

Table View

Prototype Content

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Demo

Swift

Daniel Dunbar

Demo

Interface Builder

Jon Hess

Demo

Debugger

Ken Orr

Demo

Performance

Kate Stone



