



# Hello NSCoder I

UI Testing con UIAutomation

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# UIAutomation

iOS 4.0+

UIKit

Instruments

Javascript

Accessibility



# UIAutomation vs. UIKit

UITabBar

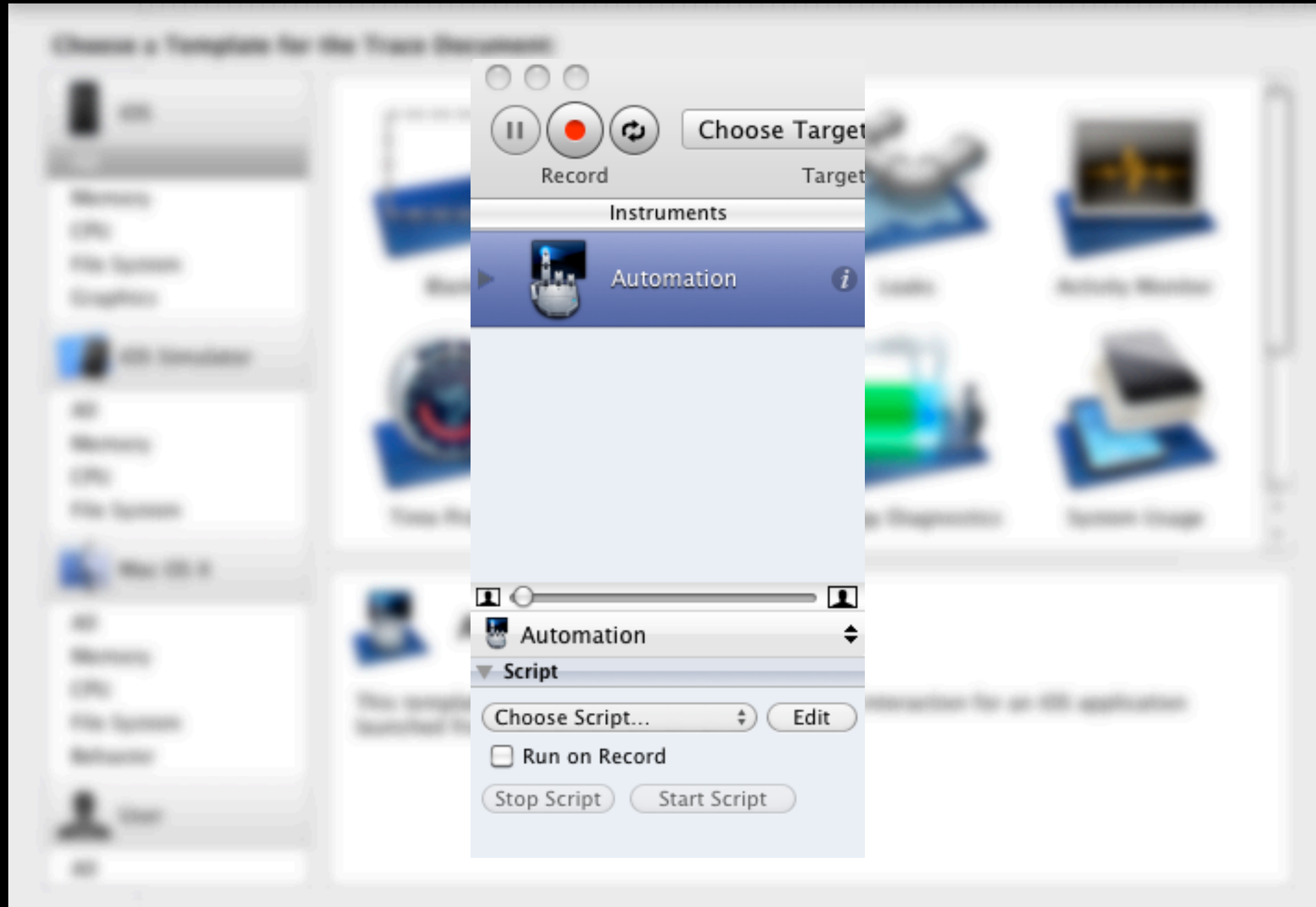
UITableView

UINavigationController

UISegmentedControl

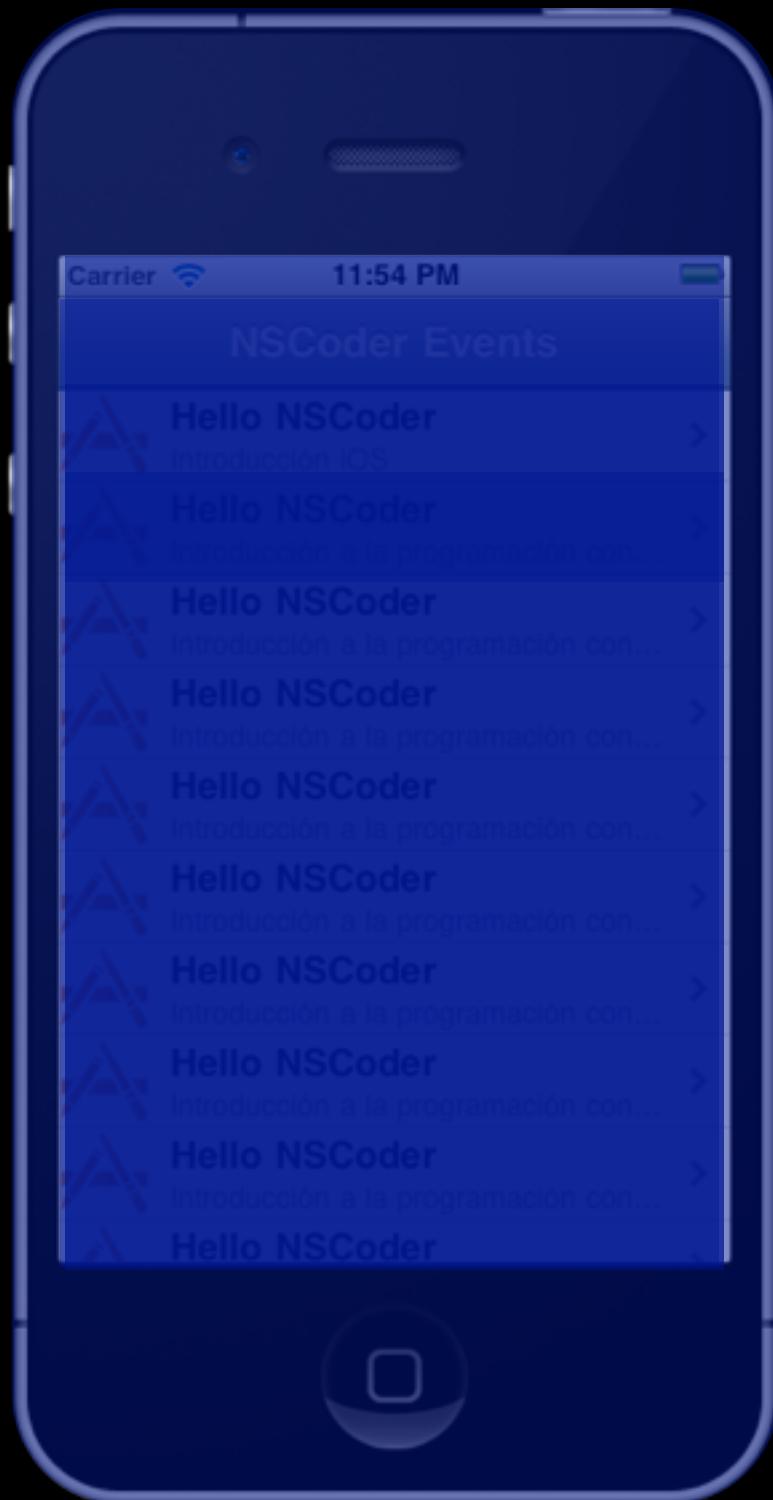


# Instruments



# Javascript

```
UITarget.localtarget().frontMostApp().mainWindow().tableViews()[0].cells()[1]
```



```
UITarget.localtarget()  
    .frontMostApp()  
    .mainWindow()  
    .tableViews()[0]  
    .cells()[1]
```



# UIAElement

UIButton	name
UIAKeyboard	value
UIAPageIndicator	parent
UIAPicker	elements
UIAScrollView	staticTexts
UIAStatusBar	images
UITextField	scrollViews
UIAWebView	tableViews
UIA ...	



# UIAElement

UIButton	tap
UIAKeyboard	doubletap
UIAPageIndicator	touchAndHold
UIAPicker	scrollToVisible
UIAScrollView	twoFingerTap
UIAStatusBar	isValid
UITextField	isEnabled
UIAWebView	
UIA ...	logElementTree



# UIAElement.logElementTree()

```
3) UIWindow [name:(null) value:(null) rect:{{x:0, y:0}, {width:320, height:480}}]
4) UINavigationBar [name:Hello NSCoder value:(null) rect:{{x:0, y:20}, {width:320,...
5) UIButton [name:NSCoder Events value:(null) rect:{{x:5, y:27}, {width:115, height:30}}]
5) UIAStaticText [name:Hello NSCoder value:(null) rect:{{x:128, y:28}, {width:142, ...
4) UIAScrollView [name:(null) value:(null) rect:{{x:0, y:64}, {width:320, height:460}}]
5) UIImageView [name:nsCODERING value:(null) rect:{{x:5, y:69}, {width:80, height:80}}]
5) UIAStaticText [name:Introducción a la programación value:(null) rect:{{x:128, y:100}, {width:142, ...
5) UIAStaticText [name:2011-00-28 value:(null) rect:{{x:128, y:120}, {width:142, ...
5) UIAStaticText [name:CINC Barcelona value:(null) rect:{{x:128, y:140}, {width:142, ...
5) UIATextView [name:(null) value>Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.
5) UIAScrollView [name:(null) value:(null) rect:{{x:5, y:160}, {width:270, height:300}}]
5) UIImageView [name:GoogleBadge.png value:(null) rect:{{x:5, y:165}, {width:80, height:80}}]
5) UIImageView [name:(null) value:(null) rect:{{x:313, y:165}, {width:80, height:80}}]
5) UIImageView [name:(null) value:(null) rect:{{x:313, y:165}, {width:80, height:80}}]
```





# UIALogger

logStart

logDebug

logPass

logMessage

logIssue

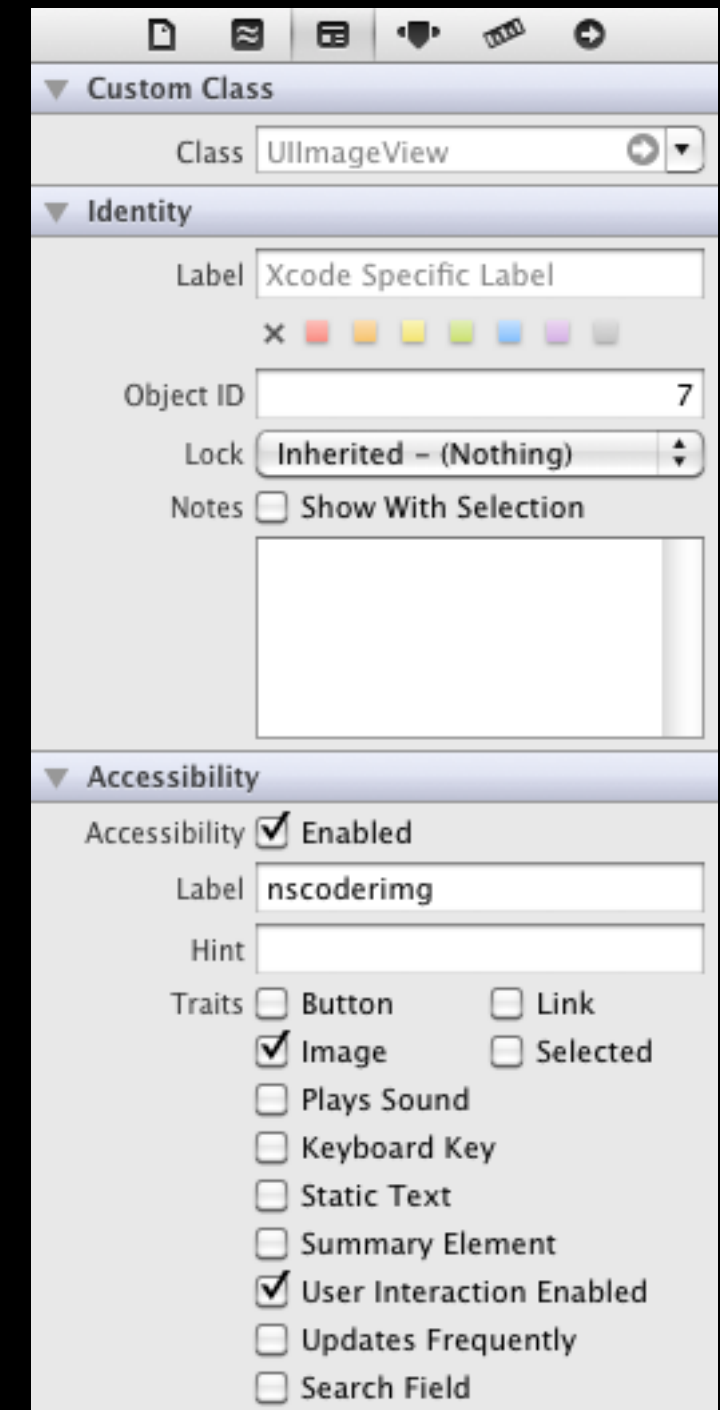
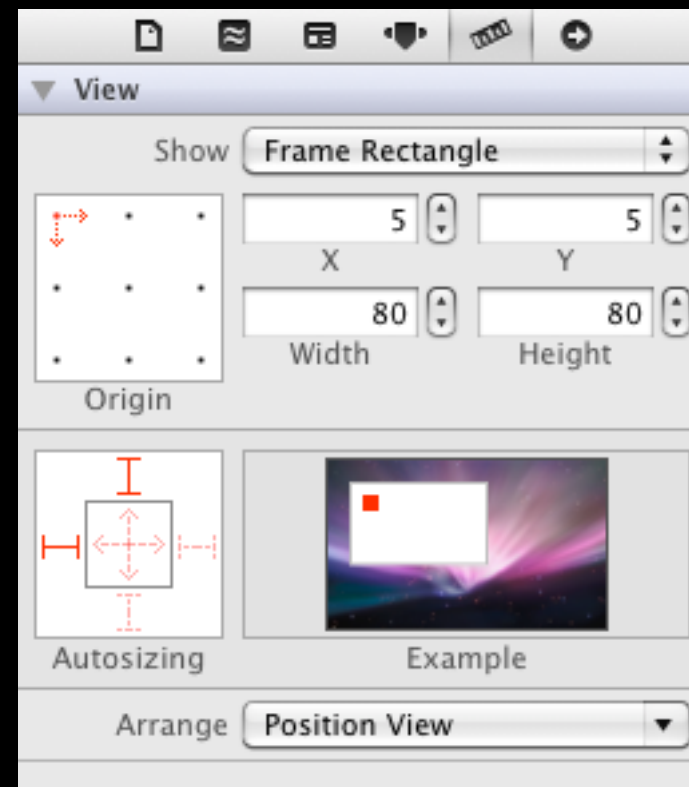
logWarning

logFail

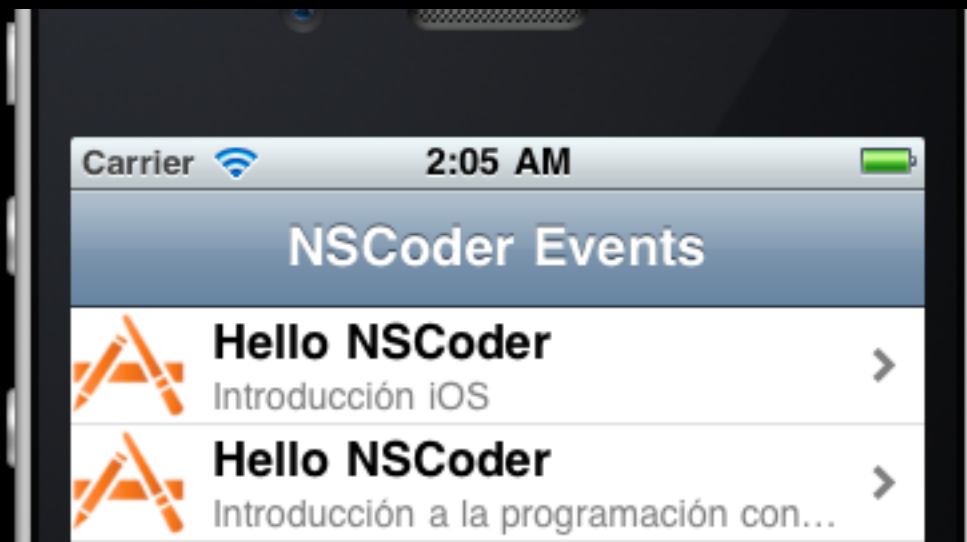
logError



# Accessibility



# Demo



Título Navigation Bar

Descripción en vista detalle



Posición vertical de imagen



# Enlaces de interés

UIAutomation Reference Collection

Instruments User Guide

WWDC 2010. Session 306

<http://oreil.ly/UIAutomationAtOReilly>

<http://bit.ly/UIAutomationByAlexVollmer>

