

UofU iPhone Group

What's New in iOS 5

New Frameworks

- Accounts
- CoreImage
- GLKit
- GSS
- NewsstandKit
- Twitter
- iCloud



Significant Changes

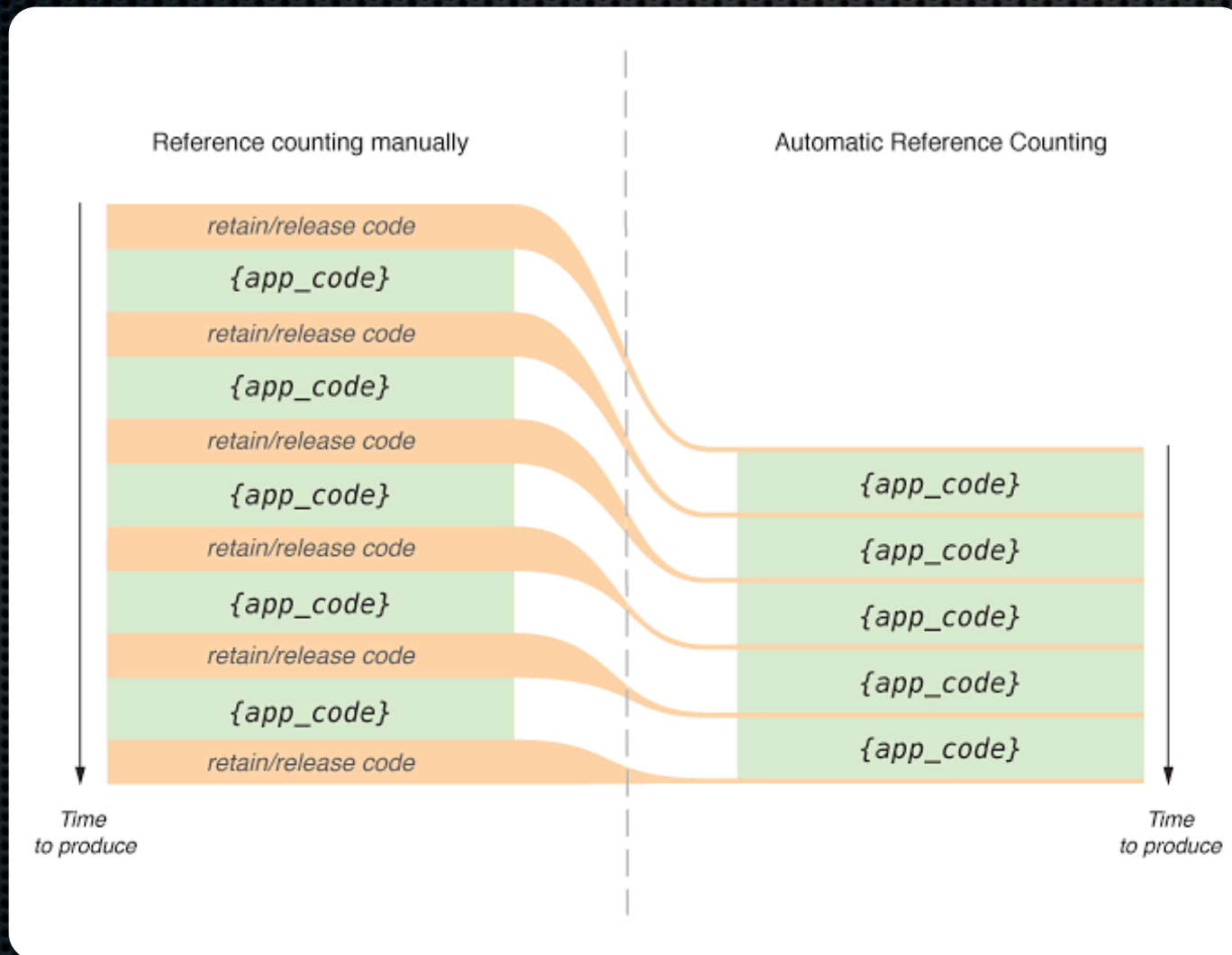


- Accelerate
- AudioToolbox
- AVFoundation
- CoreData
- CoreFoundation
- CoreText
- EventKit
- Foundation
- GameKit
- OpenGL ES
- QuartzCore
- UIKit

A Few UIKit Highlights

- **UIStoryboard** support for programmatically presenting view controllers
- Support for **container view controllers** now provided in UIViewController
- **App-wide default customization** of UIKit controls using appearance proxies and UIAppearance Protocol
- UIWebView now **exposes UIScrollView!**
- **UIStepper** Control

Automatic Reference Counting (ARC)



Automatic Reference Counting (ARC)

- ✦ Variables

- ✦ `__strong`

- ✦ `__weak`

- ✦ `__unsafe_unretained`

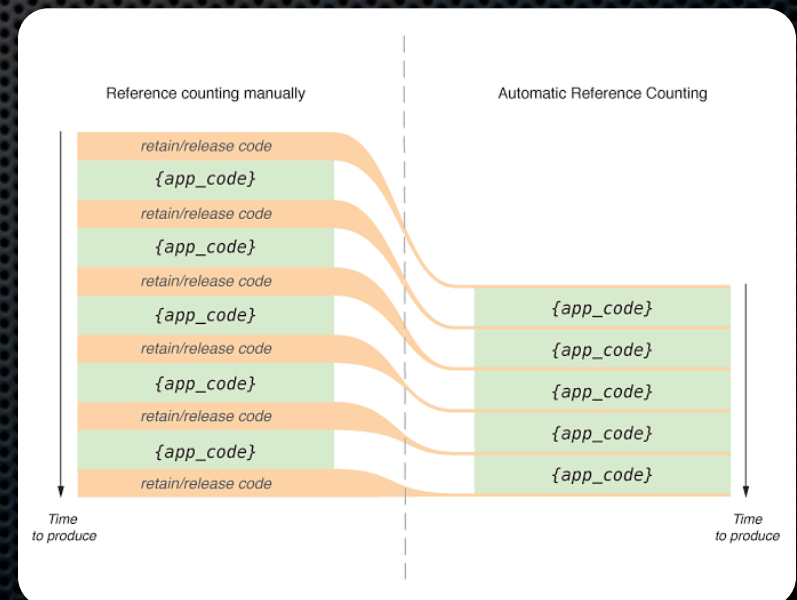
- ✦ Arguments

- ✦ `__autoreleasing`

- ✦ Properties

- ✦ `strong`

- ✦ `weak`



And Garbage Collection?



FAQ: Is GC (Garbage Collection) deprecated on the Mac?

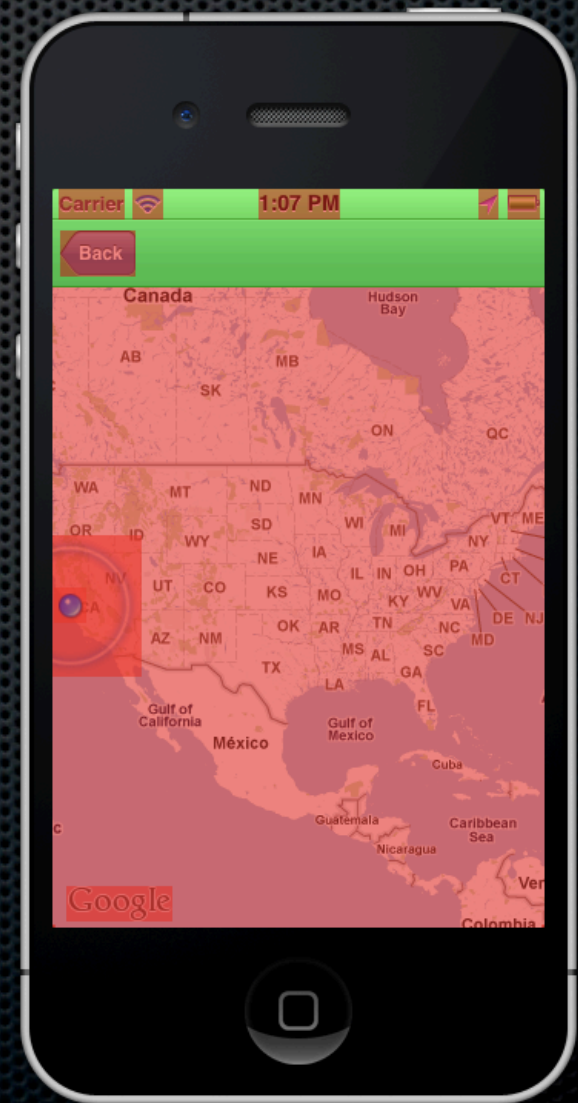
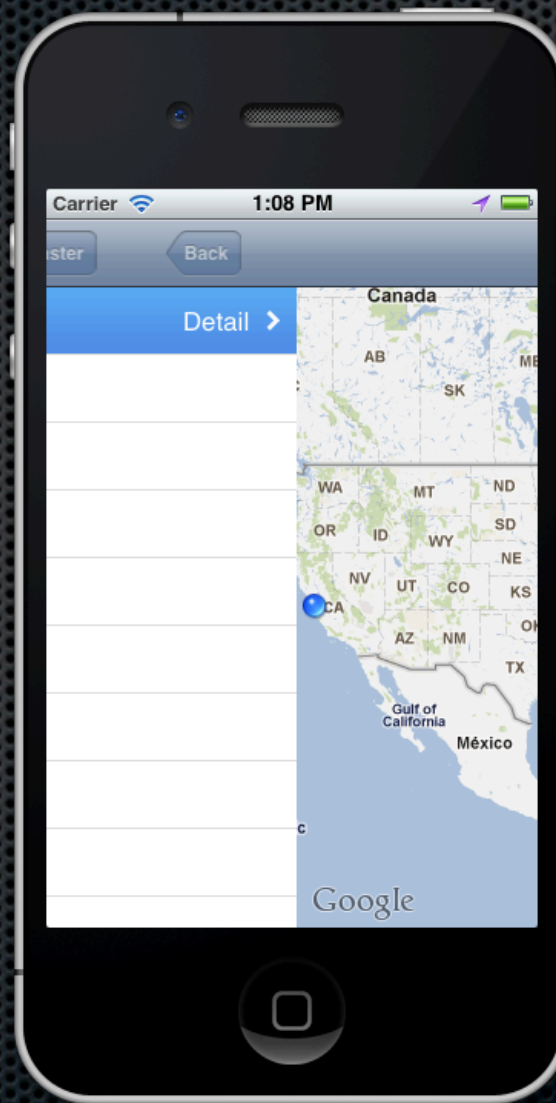
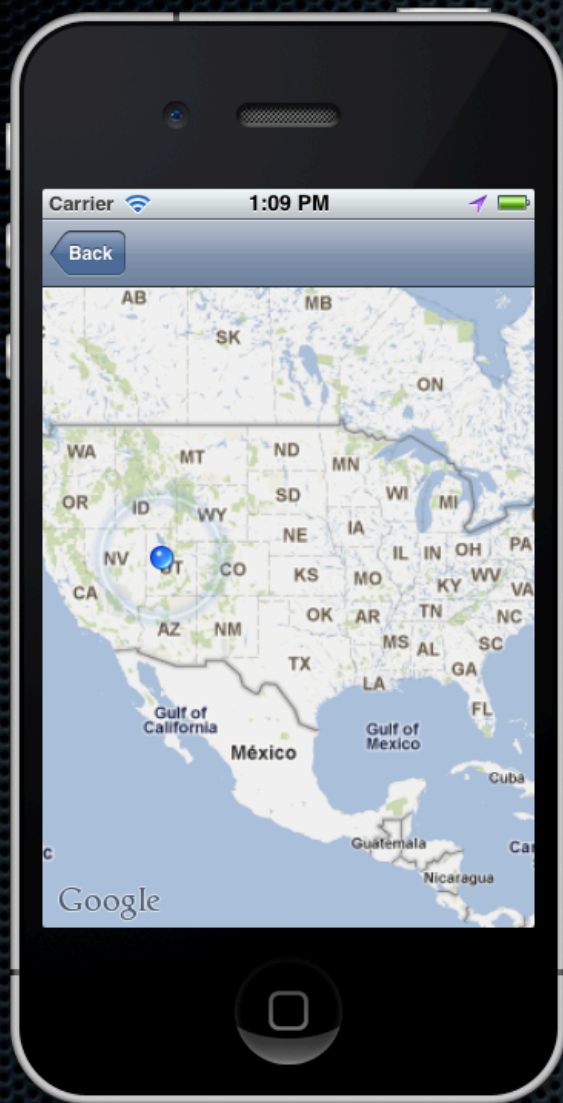
GC remains an option for development in Mac OS X v10.7. You are **strongly encouraged** to consider ARC for new development.

GLKit

- Simplifies setup of an OpenGL ES2 application
- Supplies support for OpenGL ES1 style applications in ES2
- Standard texture loader class
- Vector and Matrix Types!



Simulator Improvements



Xcode Template Awesomeness

