

iOS Training

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Mike(iOS Developer)

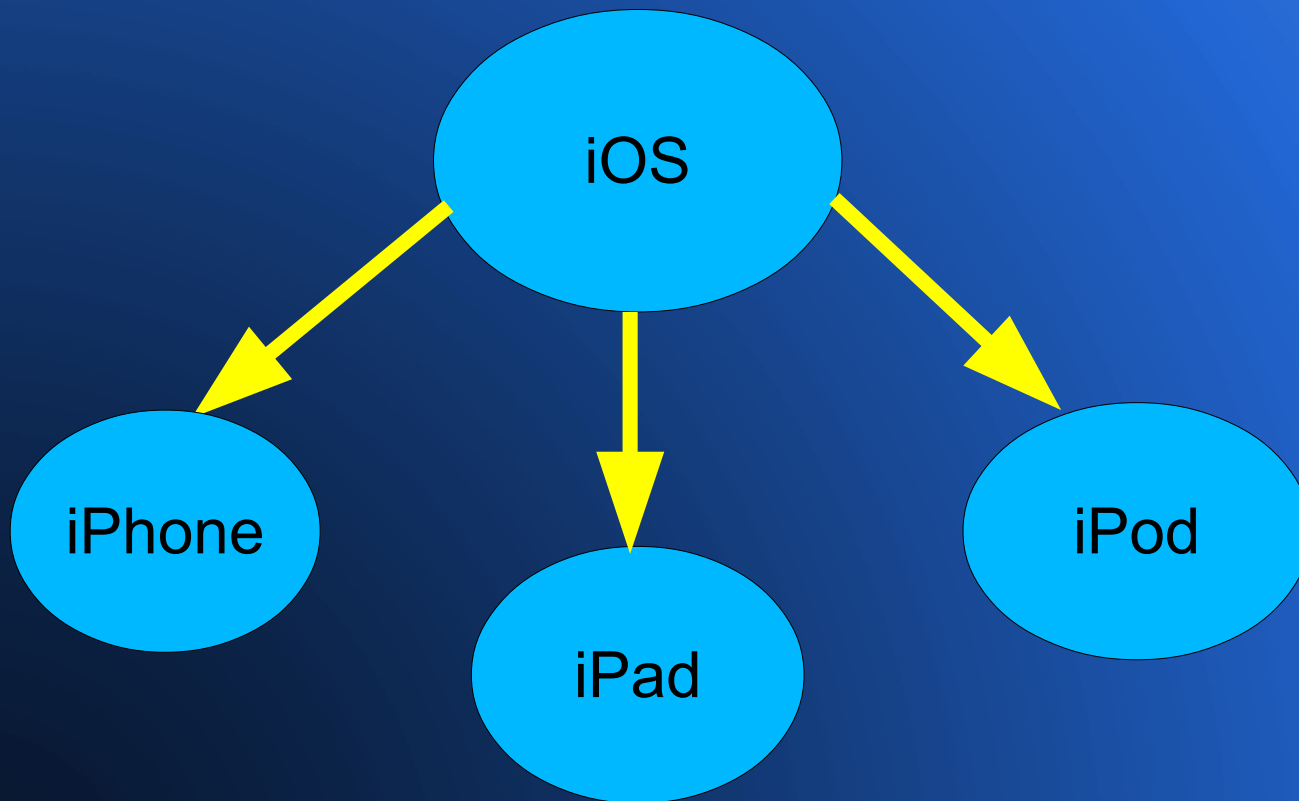
Goal

- The Goal of this training was to make you familiar with iOS Development.
- For now we have planned for 2 days a week.

Your Details

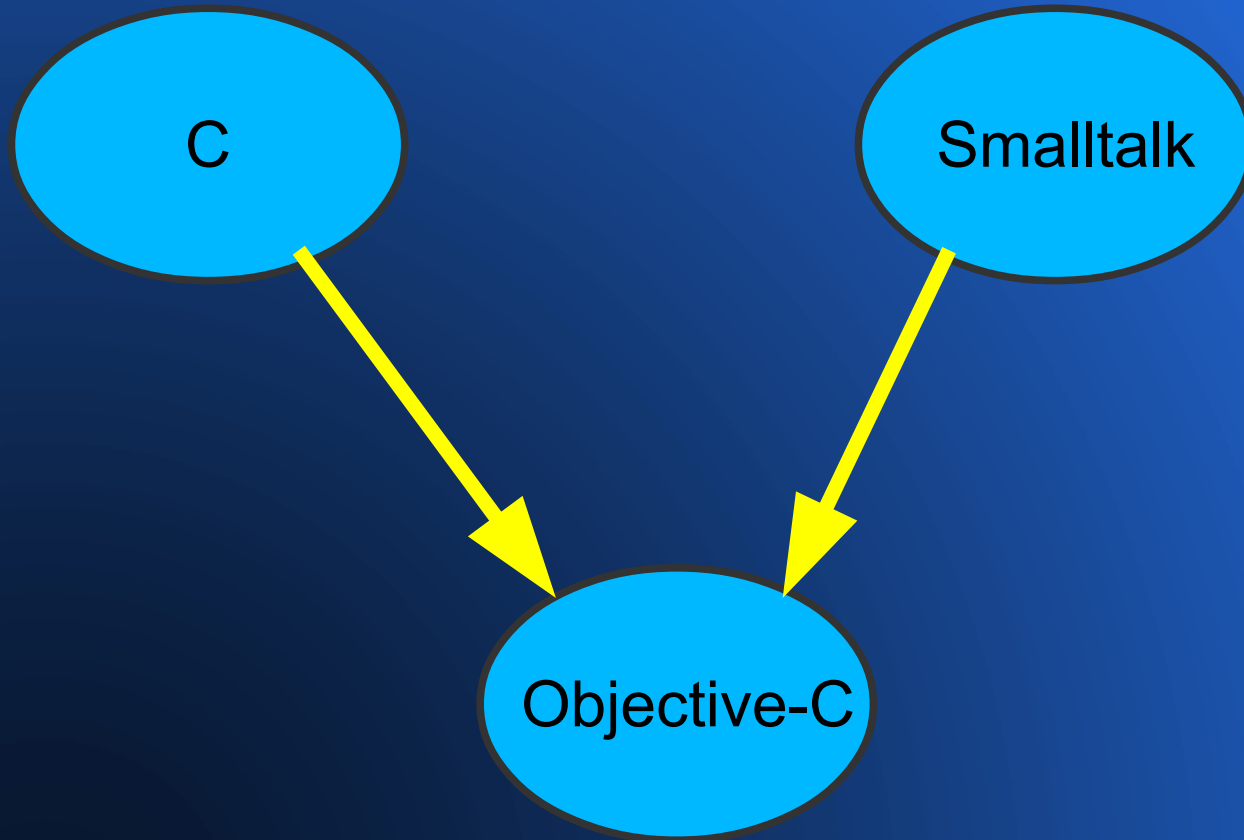
- Official mail-id for this training: training@mobilejobing.com
- We would like to receive the following info:
 - Email-ID
 - Your Skype id
 - Contact Number

Platform



iOS

- iOS(previously called iPhone OS) is an operating system used on iPhone,iPad,iPod and second generation Apple TV.
- iOS is derived from OS X.
- Written in C, C++, Objective-C.
- OS X is an Unix based OS.



Objective - C

- Brad Cox and Tom Love(1983)
- Objective-C is a thin layer on top of C, and moreover is a strict superset of C
- It is derived from C and Smalltalk.
- Objective-C derives its object syntax from Smalltalk. All of the syntax for non-object-oriented operations (including primitive variables, pre-processing, expressions, declarations) are identical to that of C, while the syntax for object-oriented features is an implementation of Smalltalk-style messaging.

Pre-requisites

- Intel based Mac system with OS X 10.8.4 or later
Xcode IDE installed in it, you can download and install from Mac App Store
(<https://itunes.apple.com/us/app/xcode/id497799835?ls=1&mt=12>).
- App Store Account(\$99/year).The App Store is a digital distribution platform for mobile apps on iOS
- Knowledge on C language.

History

- Apple was founded by Steve Jobs, Steve Wozniak, and Ronald Wayne on April 1, 1976, to develop and sell personal computers. It was incorporated as Apple Computer, Inc.
- NeXT was founded in 1985 by Apple Computer co-founder Steve Jobs, after he was forced out of Apple, along with a few of his co-workers.
- In 1988, NeXT licensed Objective-C from StepStone.
- NeXT was the place where some of the frameworks that we use till now were developed like (UIKit, Foundation etc).
- Acquired By Apple Inc. in 1996.

Products

- Mac OS X, based on NeXT's OPENSTEP and BSD Unix, was released on March 24, 2001 after several years of development.
- On October 23, 2001
- iPhone in January, 2007.
- Appstore in July, 2008.
- iPad in January, 2010 .

Course Content Outline

- Working with Frameworks like UIKit, Foundation, Mapkit and so on..
- Design Patterns in iOS.
- Maps Integration.
- Push Notifications in iOS(APNS).
- Submitting Apps(.iPA) to Appstore.
- TestFlight Distribution.
- CoreData, SQLite.
- Creating Required Certificates and Installing Apps on Physical Hardware Device.
- Testing(Unit Testing).