

IOS204 – 1-Day Advanced iOS – CloudKit Programming



One of the major new features in iOS 8 is CloudKit. Using iCloudKit, there is no need for you to write separate server-side code for your backend logic (e.g. web services and databases). Instead, CloudKit provides you with authentication, databases, and storages services. This means that you can now focus on developing your app and let CloudKit takes care of the backend services. What's more, CloudKit is free for apps with moderate usage, with the ability to scale for enterprise users (with subscription).

In this course, you will learn how to make use of CloudKit as a backend storage solution for your apps. In addition, you will also learn how to save documents and data in your application so that they are available to the same application running on other devices.

Topics

- Enabling iCloud Storage for your iOS application
- Setting Projects Entitlement for iCloud
- Managing iCloud documents
- Storing documents on iCloud
- Storing Key-Value data on iCloud
- Programming CloudKit
- Creating database schema
- Using CloudKit Dashboard
- Fetching Records
- Subscribing to record changes



Prerequisites

- Attended the **Fundamentals of iPhone Programming using Objective-C** course

Hardware

- Mac
- *iOS devices (recommended)*

Software

- Xcode 7 or later



About Wei-Meng Lee



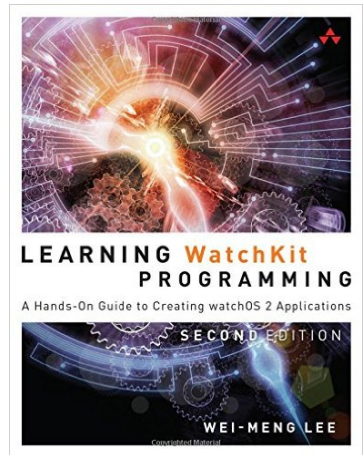
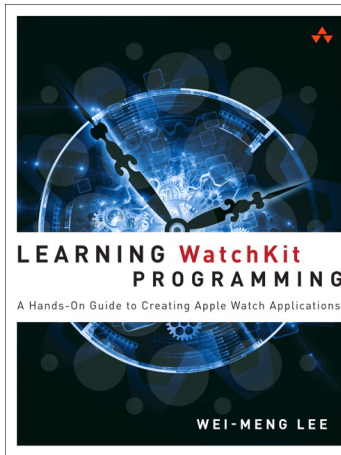
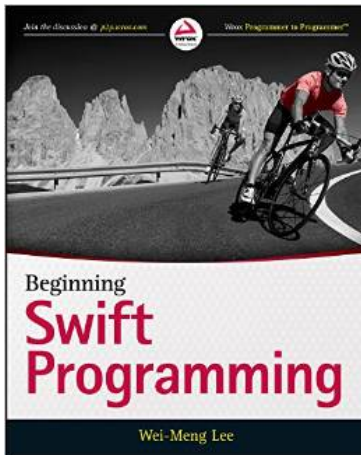
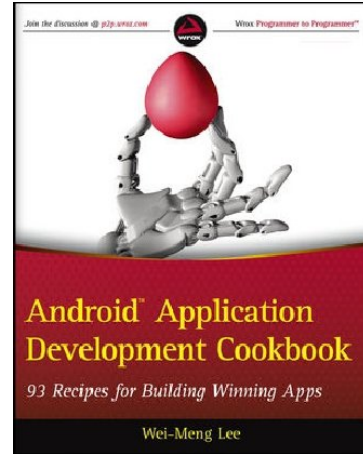
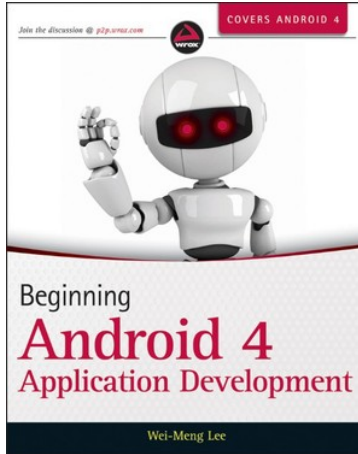
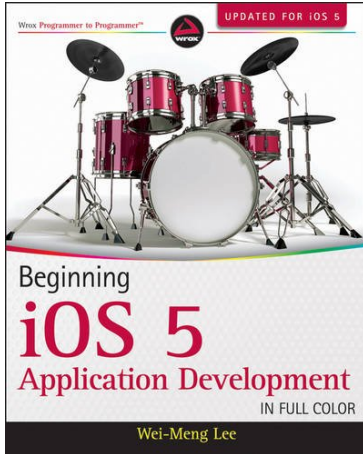
Wei-Meng Lee is a technologist and founder of Developer Learning Solutions (<http://www.learn2develop.net>), a technology company specializing in hands-on training on the latest mobile technologies. Wei-Meng has many years of training experiences and his training courses place special emphasis on the learning-by-doing approach. His hands-on approach to learning programming makes understanding the subject much easier than reading books, tutorials, and documentations. His name regularly appears in online and print publications such as DevX.com, MobiForge.com, and CoDe Magazine.

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Books by Wei-Meng Lee





Course Application Form

Please email a signed copy to weimenglee@learn2develop.net

Billing Information

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Course Title: _____ Date: _____

Participant Information	Amount
Name: Email:	S\$
Name: Email:	S\$
<i>Rental of Mac @ S\$150 per person (optional)</i>	
Grand Total S\$	

Important Note

- Developer Learning Solutions reserves the right to cancel or reschedule the course.
- You can withdraw from the course provided you inform us **one (1) month** in advance before the commencement of the class. There will be no refund after this period and the full course fee will be billed.
- **No-show policy: If a participant did not turn up for the course he signed up for, he will be billed 100% of the course fee. In the event of medical leave, a substitution would be allowed**

I understand that participants have to bring their notebook computer for the course (for iOS related courses, the notebook must be a Mac).

Authorized Signature & Company Stamp

Name & Designation

Date