

WEB104 – 1-Day Programming NoSQL using MongoDB



A NoSQL database is a database that provides a mechanism for storage and retrieval of data modeled in ways other than using tabular format commonly used in relational databases (such as MySQL and Microsoft SQL Server). Compared to relational databases, NoSQL databases are more scalable and allows for large volume of structured and unstructured data to be stored and retrieved efficiently. One implementation of NoSQL is MongoDB. MongoDB is an open-source, document database designed for ease of development and scaling.

In this course, you will learn how to get started with MongoDB and how to use it together with PHP.

Topics

- What is NoSQL?
- Introduction to MongoDB
- Installing MongoDB
- Installing the MongoDB for PHP Driver
- Designing the Database
- Using Documents
- Building Indexes
- Implementing Geospatial Indexing
- Working with Data
 - Inserting Data
 - Querying for Data
 - Sorting and Limiting Data
 - Aggregating Data
 - Grouping Data
 - Updating Data
 - Removing Data
- Using PHP with MongoDB



mongoDB



Prerequisites

- Knowledge of basic programming and object-oriented programming concepts

Hardware

- Mac / Windows laptop

Software

- To be provided



About Wei-Meng Lee



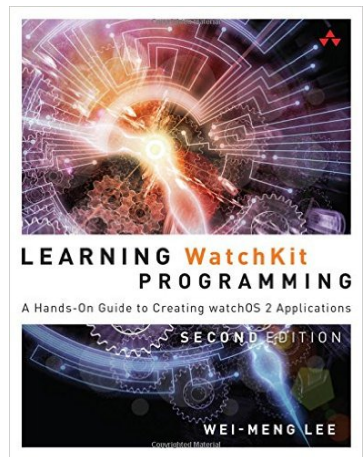
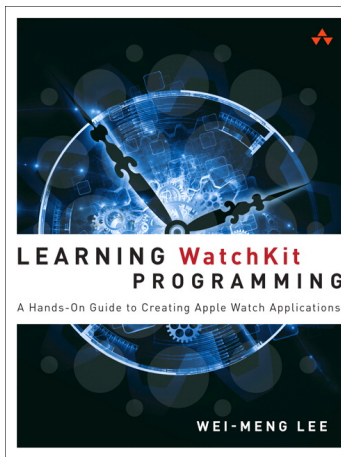
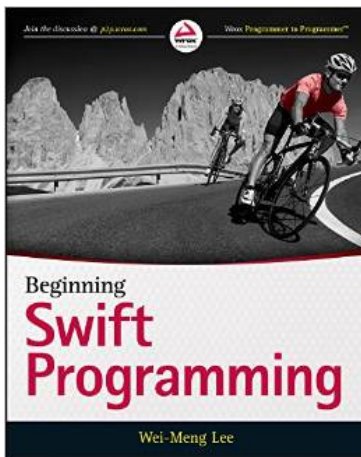
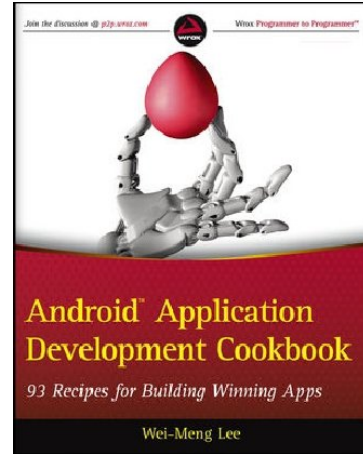
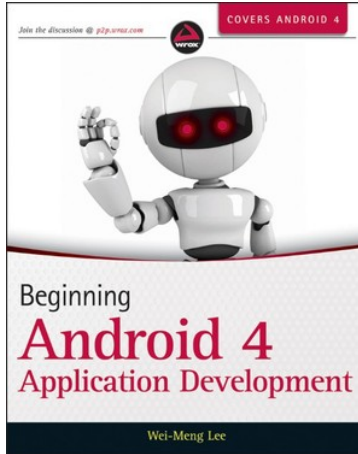
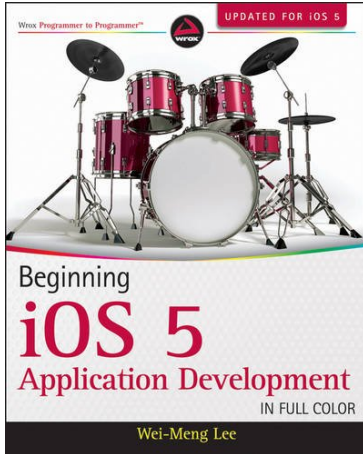
Wei-Meng Lee is a technologist and founder of Developer Learning Solutions (<http://www.learn2develop.net>), a technology company specializing in hands-on training on the latest mobile technologies. Wei-Meng has many years of training experiences and his training courses place special emphasis on the 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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I understand that participants have to bring their notebook computer for the course (for iOS related courses, the notebook must be a Mac).

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