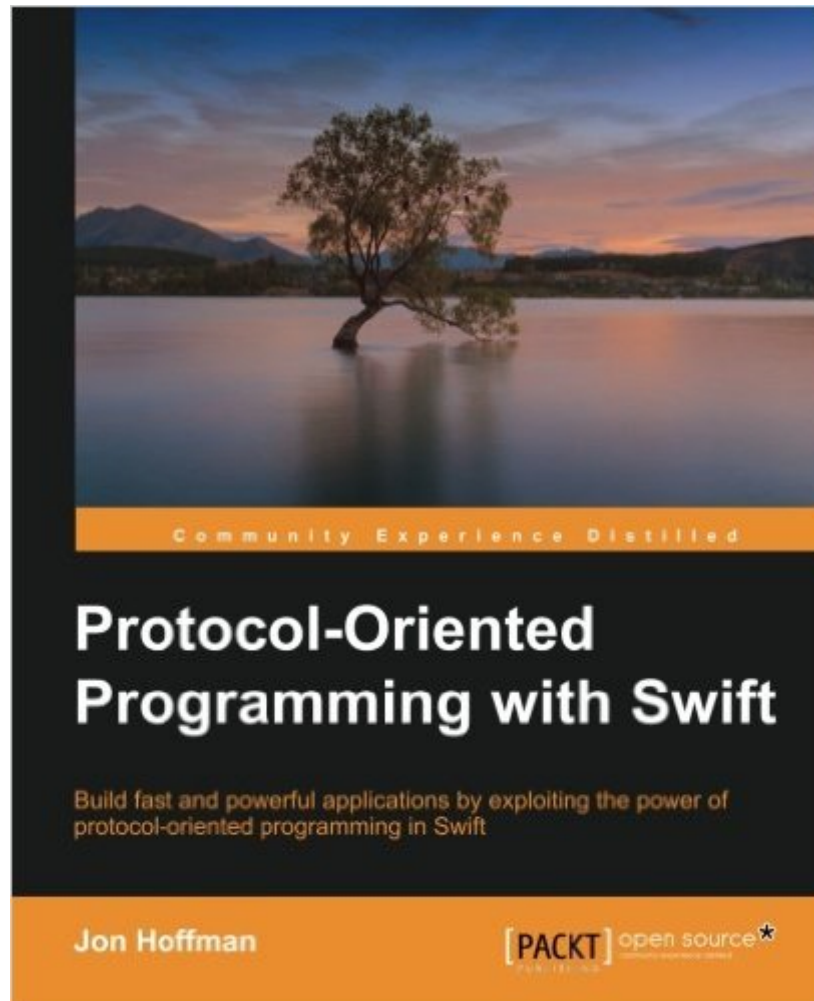The book was found

Protocol Oriented Programming With Swift

Synopsis

Key FeaturesThe only book that shows how to harness the power of Protocol-Oriented Programming in Swift to build real-world applications,Get familiar with the protocol focused approach of application development,Increase the overall productivity and performance of applications with Protocol Oriented Programming.Book DescriptionAt the heart of Swift's design is an incredibly powerful idea: protocol-oriented programming. Its many benefits include better code maintainability, increased developer productivity and superior application performance. The book will teach the reader how to apply the ideas behind the protocol oriented programing paradigm to improve the code they write.This book will introduce the readers to the world of protocol-oriented programming in Swift and will demonstrate the ideas behind this new programming paradigm with real world examples. In addition to learning the concepts of Protocol Oriented programming, it also shows the reader how to reduce the complexity of their codebase using protocol extensions. Beginning with how to create simple protocols, readers will learn how to extend protocols and also to assign behaviors to them.By the end of this book readers will be able to harness the power of protocol-oriented programming to build real world applications.What you will learnThe difference between Object-Oriented programming and Protocol-Oriented programmingThe difference between reference and value types and when to use eachHow we can leverage tuples to reduce the complexity of our codeWhat are protocols and how to use themHow to implement protocol extensions to create a very flexible code baseHow to implement several design patterns in a Protocol-Oriented approachHow to solve real world design issue with protocol oriented programmingAbout the AuthorJon Hoffman has over 20 years of experience in the field of information technology. Over these 20 years, Jon has worked in the areas of system administration, network administration, network security, application development, and architecture. Currently, Jon works as a senior software engineer for Syn-Tech Systems.Jon has been developing extensively for the iOS platform since 2008. This includes several apps that he has published in the app storeâ •apps that he wrote for third parties and numerous enterprise applications.Packt Publishing published Jon's first book, iOS and OS X Network Programming, in January 2014.What really drives Jon is the challenges in the Information Technology field and there is nothing more exhilarating to him than overcoming a challenge. Some of Jon's other interests are watching baseball (go Sox) and basketball (go Celtics). Jon also really enjoys tae kwon do where he and his oldest daughter Kailey earned their black belts together early in 2014. Kim (his wife) earned her black belt in December 2014 and his youngest daughter is currently working towards her black belt.Table of ContentsObject-Oriented and Protocol-Oriented ProgrammingOur Type ChoicesCatching Our

ErrorsAll about the ProtocolLet's Extend Some TypesAdopting Design Patterns in SwiftCase Studies

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Customer Reviews

Laughably bad book. Wish I could get a refund feel cheated. There are no ideas and many things that are wrong. Every example is either about Jolt cola or making hamburgers. Seriously if I've seen a book that says more amateur hour than this I don't remember it. The design patterns section is wrong in so many ways it's painful. Do not spend money on this. Scratchers at the local supermarket are a better investment.

I had the honor of being tasked with reviewing this book. The concepts presented show just how powerful the Swift programming language can be for developers wanting to create dynamic programs with a language that is performant, scalable and modern. The Functional Programming paradigm is wonderfully displayed here and shows why Swift and functional programming in general, using a focus on protocols, is the direction most software developers can and should take moving forward.

I just received this book and it is outstanding. If you want to learn what Protocol-Oriented programming is all about then you need to get this book. The design pattern and case studies chapters alone make this book worth the cost.Right from the beginning the author takes on the

difference between Protocol-Oriented programming and Object-Oriented programming and shows how Protocol-Oriented programming address a lot of the short comings of Object-Oriented programming. Chapters two through five then covers the individual components that make up Protocol-Oriented programming. Chapter six shows how to implement design patterns in a protocol-oriented way and finally chapter seven has three case studies that really show the power of Protocol-Oriented programming.There are some outstanding examples in this book. For example the text validation example in the Lets Extend Some Types chapter and the Data excess layer using SQLite.swift example in the case studies chapter are outstanding and are must reads.

The author does an excellent good job at contrasting Object Oriented Programming and Protocol Oriented Programming in Swift 2 using simple objects as examples (Ex: a Soft Drink class vs protocol). ***Over the years I have a half dozen books that I would call "essential"... This made the list. ***

A great book that will take your coding skills to the next level.

Decent book on understanding this new paradigm

good info, I wish there was practice pages.

Nothing much related to true protocol oriented programming here... Where are discussions on how POP is implemented in the swift standard library? Also the writing skill is terrible.You can watch the apple video talk on the subject for free by googling "WWDC 2015 Protocol Oriented Programming".

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