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   Autore   Hoffman Jon

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                             Hoffman

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   Soggetti   Swift (Computer program language)
                             Application software - Development

   Lingua di pubblicazione   Inglese

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   Sommario/riassunto   Build fast and powerful applications with the power of protocol-
                             oriented programming About This Book Leverage the power of
                             protocol-oriented programming in your applications and learn from
                             real world use cases Create a flexible codebase with protocols and
                             protocol extensions Increase the overall productivity and performance
                             of applications with protocol-oriented programming Who This Book Is
                             For This book is for Swift developers who want to learn and implement
                             protocol-oriented programming in practical applications. What You Will
                             Learn Understand the difference between object-oriented programming
                             and protocol-oriented programming Explore the different types that
                             Swift offers and what pitfalls to avoid Error handling with do-try-catch
                             block Delve into Generics and Generic programming Implement several
                             design patterns in a protocol-oriented way How to design applications
                             by prioritizing the protocol first and the actual type second In Detail
                             One of the most important additions to the new features and
                             capabilities of the Swift programming language was an overhaul of
                             Protocols. Protocol-oriented programming and first class value
                             semantics have now become two incredibly powerful concepts at the
                             heart of Swift's design. This book will help you understand the

difference between object-oriented programming and protocol-oriented programming. It will demonstrate how to work with protocol-oriented programming using real world use cases. You will gain solid knowledge of the different types that can be used in Swift and the differences between value and reference types. You will be taught how to utilize the advanced features of protocol-oriented programming to boost the performance of your applications. By the end of the book, you will have a thorough understanding of protocol-oriented programming and how to utilize it to build powerful, practical applications. Style and approach This book is written for developers who learn best by working with code, so every concept discussed in this book is reinforced with real code examples.