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Titolo	iOS Code Testing [[electronic resource]] : Test-Driven Development and Behavior-Driven Development with Swift // by Abhishek Mishra
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ISBN	1-4842-2689-5
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (440 pages) : illustrations
Disciplina	005.14
Soggetti	Software engineering Programming languages (Electronic computers) Computer programming Software Engineering Programming Languages, Compilers, Interpreters Programming Techniques
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Chapter 1 Introduction to Test-Driven Development -- Chapter 2 Writing your first set of Unit Tests -- Chapter 3 Introducing the MVVM pattern -- Chapter 4 Applying TDD techniques to the data model -- Chapter 5 Testing View Controllers -- Chapter 6 Testing Collection Views -- Chapter 7 Testing NSURLSession -- Chapter 8 Testing Legacy code -- Chapter 9 Continuous Integration -- Chapter 10 Introduction to BDD -- Chapter 11 Installing Quick -- Chapter 12 Applying BDD and TDD techniques -- Chapter 13 Testing the UI.
Sommario/riassunto	Put into motion practical examples to master Test-Driven Development (TDD) and acceptance testing in Swift. This book uses a pragmatic approach to writing well-tested code and provides techniques that can be used to retrofit tests to legacy code bases. You'll be introduced to basic principles of TDD, such as Test First, Red-Green-Refactor, Remove Duplicate code, Dependency Injection, and Single Responsibility. Approaches covered include TDD, behavior-driven development (BDD), UI, and acceptance testing with common standard/open source frameworks. iOS Code Testing offers helpful instruction to teach iOS developers to retrospectively fit tests to legacy

code, refactor legacy code so as to make the code more testable, install and configure a popular Swift BDD framework, practice BDD with Xcode, and create automated UI tests with Xcode. Additionally, many projects have legacy code bases. Legacy code is often seen as a blocker when it comes to implementing any kind of testing.
