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Titolo	Hands-on Test-Driven Development : Using Ruby, Ruby on Rails, and RSpec // by Greg Donald
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ISBN	1-4842-9748-2
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (237 pages)
Disciplina	005.14
Soggetti	Computer programming Internet programming Programming Techniques Web Development
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record. Adding Active Admin Includes index.
Nota di contenuto	Chapter 1: Intro -- Chapter 2: What is Test-Driven Development? -- Chapter 3: Getting started with Ruby -- Chapter 4: Getting started with Ruby on Rails -- Chapter 5: Setting up RSpec and FactoryBot -- Chapter 6: Adding Initial Models -- Chapter 7: Creating Pages -- Chapter 8: Build Homepage Contents -- Chapter 9: Side Bar Contents -- Chapter 10: Page Tags -- Chapter 11: Images -- Chapter 12: User Authentication -- Chapter 13: Administration -- Chapter 14: Odds and Ends -- Chapter 15: Deploy to Production.
Sommario/riassunto	Learn to properly test Ruby and Ruby on Rails applications by first writing failing tests, and then by implementing application code to make the failing tests pass. This book will teach you how to employ test-driven development (TDD) using RSpec while building a blog from start to finish. By the end of the book, you will be ready to deploy their fully tested blog to their own production web server using the latest versions of Ruby 3 and Ruby on Rails 7. The biggest challenge with learning and becoming comfortable with test-driven development is that software engineers often cannot imagine what writing a failing test looks like in practice. They write their implementation code first, and

only then think about writing tests around their implementation code. This leads to tests that pass by accident, or tests that do not actually test anything. This book will give you the confidence to write tests in the RSpec domain-specific language. You will see your tests fail "properly" before proceeding with writing any implementation code to get them to pass. This book covers the latest techniques for writing RSpec tests, including "system" specs, and the often overlooked "view" specs, and how to integrate RSpec with other tools like Capybara, headless Chrome, and the new web driver gem. It also covers FactoryBot for mock test data and offers experienced advice on how to avoid creating tests that fail randomly. You will: Build a blog application from start to finish using test driven development Install and explore popular tools used in professional Ruby software engineering Evaluate the benefits of effective testing in RSpec Explore Capistrano for advanced user interface testing.
