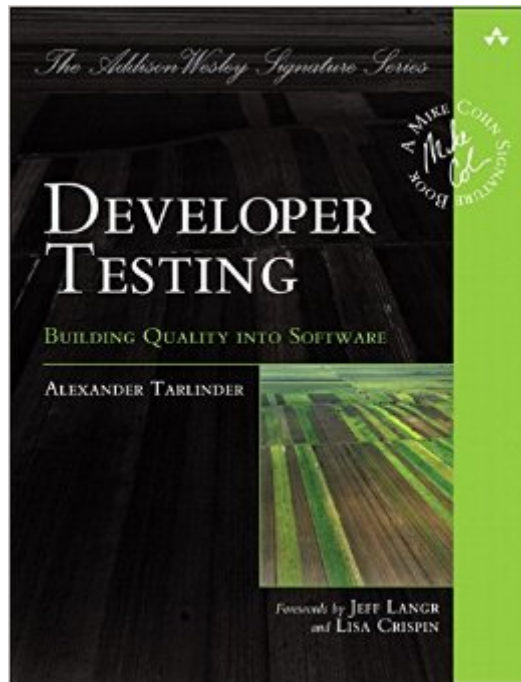


The book was found

# Developer Testing: Building Quality Into Software (Addison-Wesley Signature Series (Cohn))



## Synopsis

How do successful agile teams deliver bug-free, maintainable softwareâiteration after iteration? The answer is: By seamlessly combining development and testing. On such teams, the developers write testable code that enables them to verify it using various types of automated tests. This approach keeps regressions at bay and prevents âtesting crunchesââwhich otherwise may occur near the end of an iterationâfrom ever happening. Writing testable code, however, is often difficult, because it requires knowledge and skills that cut across multiple disciplines. Â In *Developer Testing*, leading test expert and mentor Alexander Tarlinder presents concise, focused guidance for making new and legacy code far more testable. Tarlinder helps you answer questions like: When have I tested this enough? How many tests do I need to write? What should my tests verify? Youâll learn how to design for testability and utilize techniques like refactoring, dependency breaking, unit testing, data-driven testing, and test-driven development to achieve the highest possible confidence in your software. Through practical examples in Java, C#, Groovy, and Ruby, youâll discover what worksâand what doesnât. Â You can quickly begin using Tarlinderâs technology-agnostic insights with most languages and toolsets while not getting buried in specialist details. The author helps you adapt your current programming style for testability, make a testing mindset âsecond nature,âimprove your code, and enrich your day-to-day experience as a software professional. With this guide, you will

- Understand the discipline and vocabulary of testing from the developerâs standpoint
- Base developer tests on well-established testing techniques and best practices
- Recognize code constructs that impact testability
- Effectively name, organize, and execute unit tests
- Master the essentials of classic and âmockist-styleâTDD
- Leverage test doubles with or without mocking frameworks
- Capture the benefits of programming by contract, even without runtime support for contracts
- Take control of dependencies between classes, components, layers, and tiers
- Handle combinatorial explosions of test cases, or scenarios requiring many similar tests
- Manage code duplication when it canât be eliminated
- Actively maintain and improve your test suites
- Perform more advanced tests at the integration, system, and end-to-end levels
- Develop an understanding for how the organizational context influences quality assurance
- Establish well-balanced and effective testing strategies suitable for agile teams

## Book Information

Series: Addison-Wesley Signature Series (Cohn)

Paperback: 352 pages

Publisher: Addison-Wesley Professional; 1 edition (September 16, 2016)

Language: English

ISBN-10: 0134291069

ISBN-13: 978-0134291062

Product Dimensions: 7 x 1 x 9 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,531,180 in Books (See Top 100 in Books) #36 inÂ Books > Computers & Technology > Programming > Software Design, Testing & Engineering > Quality Control #532 inÂ Books > Computers & Technology > Programming > Software Design, Testing & Engineering > Testing #4964 inÂ Books > Textbooks > Computer Science > Programming Languages

[Download to continue reading...](#)

Developer Testing: Building Quality into Software (Addison-Wesley Signature Series (Cohn)) Large-Scale Scrum: More with LeSS (Addison-Wesley Signature Series (Cohn)) Agile Product Management with Scrum: Creating Products that Customers Love (Addison-Wesley Signature Series (Cohn)) Coaching Agile Teams: A Companion for ScrumMasters, Agile Coaches, and Project Managers in Transition (Addison-Wesley Signature Series (Cohn)) Essential Scrum: A Practical Guide to the Most Popular Agile Process (Addison-Wesley Signature Series (Cohn)) Agile Product Management with Scrum: Creating Products that Customers Love (Adobe Reader) (Addison-Wesley Signature Series (Cohn)) Management 3.0: Leading Agile Developers, Developing Agile Leaders (Adobe Reader) (Addison-Wesley Signature Series (Cohn)) The Scrum Field Guide: Agile Advice for Your First Year and Beyond (2nd Edition) (Addison-Wesley Signature Series (Cohn)) Management 3.0: Leading Agile Developers, Developing Agile Leaders (Addison-Wesley Signature Series (Cohn)) Continuous Delivery: Reliable Software Releases through Build, Test, and Deployment Automation (Addison-Wesley Signature Series (Fowler)) The Lean Mindset: Ask the Right Questions (Addison-Wesley Signature Series (Beck)) Daniels and Worthingham's Muscle Testing: Techniques of Manual Examination and Performance Testing, 9e (Daniels & Worthington's Muscle Testing (Hislop)) CORBA Security: An Introduction to Safe Computing with Objects (The Addison-Wesley Object Technology Series) The Design and Implementation of the 4.3 Bsd Unix Operating System: Answer Book (Addison-Wesley series in computer science) Desktop Kornshell Graphical Programming (Addison-Wesley Professional Computing Series) Advanced Programming in the UNIX(R) Environment (Addison-Wesley Professional Computing Series) Hardcover - June 30, 1992 Win32 Programming (Addison-Wesley Advanced Windows Series)(2 Vol set) by Rector, Brent

E., Newcomer, Joseph M. (1997) Paperback Ruby on Rails Tutorial: Learn Web Development with Rails (4th Edition) (Addison-Wesley Professional Ruby Series) Formal Languages and Their Relation to Automata (Addison-Wesley Series in Computer Science and Information Processing) The Unified Modeling Language Reference Manual (2nd Edition) (The Addison-Wesley Object Technology Series)

[Dmca](#)