



Mastering Unit Testing Using Mockito and JUnit

By Sujoy Acharya

[Download now](#)

[Read Online](#) 

Mastering Unit Testing Using Mockito and JUnit By Sujoy Acharya

An advanced guide to mastering unit testing using Mockito and JUnit

About This Book

- Create meaningful and maintainable automated unit tests using advanced JUnit features and the Mockito framework
- Build an automated continuous integration environment to get real-time feedback on broken code, code coverage, code quality, and integration issues
- Covers best practices and presents insights on architecture and designs to create faster and reliable unit testing environments

Who This Book Is For

This book is for you if you are a developer with some experience in Java application development as well as a basic knowledge of JUnit testing. But for those whose skill set is void of any prior experience with JUnit testing, the book also covers basic fundamentals to get you acquainted with the concepts before putting them into practise.

What You Will Learn

- Write advanced JUnit test cases using advanced JUnit 4 features
- Automate JUnit test cases using Gradle, Maven, and Ant scripting
- Practice continuous integration with Jenkins and Ant, Maven, and Gradle scripting
- Monitor code quality with the SonarQube dashboard
- Analyze static code using PMD, Checkstyle, and FindBugs
- Master code coverage with Clover, Cobertura, EclEmma, and JaCoCo
- Design for testability and refactor legacy code
- Practice test-driven development with Mockito

In Detail

It is insanity to keep doing things the same way and expect them to improve. Any program is useful only when it is functional; hence, before applying complex tools, patterns, or APIs to your production code, checking software functionality is must. Automated JUnit tests help you verify your assumptions continuously, detect side effects quickly, and also help you save time.

This book will provide the skills you need to successfully build and maintain meaningful JUnit test cases. You will begin with how to use advanced JUnit 4 features, improve code coverage, automate JUnit tests, monitor code quality, write JUnit tests for the database and web tier refactor legacy code, mock external dependencies using Mockito, and write testable code using test-driven development. By sequentially working through the steps in each chapter, you will quickly master the advanced JUnit features.

 [Download Mastering Unit Testing Using Mockito and JUnit ...pdf](#)

 [Read Online Mastering Unit Testing Using Mockito and JUnit ...pdf](#)

Mastering Unit Testing Using Mockito and JUnit

By Sujoy Acharya

Mastering Unit Testing Using Mockito and JUnit By Sujoy Acharya

An advanced guide to mastering unit testing using Mockito and JUnit

About This Book

- Create meaningful and maintainable automated unit tests using advanced JUnit features and the Mockito framework
- Build an automated continuous integration environment to get real-time feedback on broken code, code coverage, code quality, and integration issues
- Covers best practices and presents insights on architecture and designs to create faster and reliable unit testing environments

Who This Book Is For

This book is for you if you are a developer with some experience in Java application development as well as a basic knowledge of JUnit testing. But for those whose skill set is void of any prior experience with JUnit testing, the book also covers basic fundamentals to get you acquainted with the concepts before putting them into practise.

What You Will Learn

- Write advanced JUnit test cases using advanced JUnit 4 features
- Automate JUnit test cases using Gradle, Maven, and Ant scripting
- Practice continuous integration with Jenkins and Ant, Maven, and Gradle scripting
- Monitor code quality with the SonarQube dashboard
- Analyze static code using PMD, Checkstyle, and FindBugs
- Master code coverage with Clover, Cobertura, EclEmma, and JaCoCo
- Design for testability and refactor legacy code
- Practice test-driven development with Mockito

In Detail

It is insanity to keep doing things the same way and expect them to improve. Any program is useful only when it is functional; hence, before applying complex tools, patterns, or APIs to your production code, checking software functionality is must. Automated JUnit tests help you verify your assumptions continuously, detect side effects quickly, and also help you save time.

This book will provide the skills you need to successfully build and maintain meaningful JUnit test cases. You will begin with how to use advanced JUnit 4 features, improve code coverage, automate JUnit tests, monitor code quality, write JUnit tests for the database and web tier refactor legacy code, mock external dependencies using Mockito, and write testable code using test-driven development. By sequentially working through the steps in each chapter, you will quickly master the advanced JUnit features.

Mastering Unit Testing Using Mockito and JUnit By Sujoy Acharya Bibliography

- Sales Rank: #1083508 in Books
- Published on: 2014-07-15
- Released on: 2014-07-15
- Original language: English
- Number of items: 1
- Dimensions: 9.25" h x .71" w x 7.50" l, 1.19 pounds
- Binding: Paperback
- 310 pages



[Download Mastering Unit Testing Using Mockito and JUnit ...pdf](#)



[Read Online Mastering Unit Testing Using Mockito and JUnit ...pdf](#)

Editorial Review

About the Author

Sujoy Acharya

Sujoy Acharya works as a software architect with Siemens Technology and Services Pvt Ltd. (STS). He grew up in a joint family and pursued his graduation in Computer Science and Engineering. His hobbies are watching movies and sitcoms, playing outdoor sports, and reading books. He likes to research upcoming technologies. His major contributions are in the fields of Java, J2EE, SOA, Ajax, GWT, and the Spring framework. He has authored Test-Driven Development with Mockito, Packt Publishing. He designs and develops healthcare software products. He has over 10 years of industrial experience and has architected and implemented large-scale enterprise solutions.

Users Review

From reader reviews:

Waldo Gates:

Nowadays reading books are more than want or need but also get a life style. This reading behavior give you lot of advantages. Advantages you got of course the knowledge the particular information inside the book that will improve your knowledge and information. The data you get based on what kind of guide you read, if you want attract knowledge just go with education and learning books but if you want experience happy read one using theme for entertaining including comic or novel. Often the Mastering Unit Testing Using Mockito and JUnit is kind of publication which is giving the reader unforeseen experience.

Deborah Martins:

Beside this kind of Mastering Unit Testing Using Mockito and JUnit in your phone, it may give you a way to get more close to the new knowledge or details. The information and the knowledge you will got here is fresh from oven so don't become worry if you feel like an older people live in narrow community. It is good thing to have Mastering Unit Testing Using Mockito and JUnit because this book offers to your account readable information. Do you sometimes have book but you rarely get what it's interesting features of. Oh come on, that wil happen if you have this in the hand. The Enjoyable set up here cannot be questionable, like treasuring beautiful island. Techniques you still want to miss this? Find this book along with read it from now!

Penny Risley:

You can get this Mastering Unit Testing Using Mockito and JUnit by browse the bookstore or Mall. Just viewing or reviewing it can to be your solve trouble if you get difficulties for your knowledge. Kinds of this book are various. Not only by written or printed but in addition can you enjoy this book simply by e-book. In the modern era just like now, you just looking from your mobile phone and searching what your problem.

Right now, choose your own personal ways to get more information about your book. It is most important to arrange you to ultimately make your knowledge are still up-date. Let's try to choose proper ways for you.

Vincent Humphreys:

Reserve is one of source of information. We can add our understanding from it. Not only for students but additionally native or citizen have to have book to know the revise information of year to year. As we know those books have many advantages. Beside many of us add our knowledge, can bring us to around the world. From the book Mastering Unit Testing Using Mockito and JUnit we can get more advantage. Don't that you be creative people? To be creative person must want to read a book. Only choose the best book that suitable with your aim. Don't end up being doubt to change your life with this book Mastering Unit Testing Using Mockito and JUnit. You can more attractive than now.

Download and Read Online Mastering Unit Testing Using Mockito and JUnit By Sujoy Acharya #POWNI8X5R3L

Read Mastering Unit Testing Using Mockito and JUnit By Sujoy Acharya for online ebook

Mastering Unit Testing Using Mockito and JUnit By Sujoy Acharya Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Mastering Unit Testing Using Mockito and JUnit By Sujoy Acharya books to read online.

Online Mastering Unit Testing Using Mockito and JUnit By Sujoy Acharya ebook PDF download

Mastering Unit Testing Using Mockito and JUnit By Sujoy Acharya Doc

Mastering Unit Testing Using Mockito and JUnit By Sujoy Acharya Mobipocket

Mastering Unit Testing Using Mockito and JUnit By Sujoy Acharya EPub

POWNI8X5R3L: Mastering Unit Testing Using Mockito and JUnit By Sujoy Acharya