

JUnit and Mockito Unit Testing for Java Developers

★★★★☆ [11 reviews](#)

By [Matthew Speake](#)



TIME TO COMPLETE:
2h 56m

LEVEL:
Beginner

TOPICS:
[Mockito](#)

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[Start](#)

Are you looking for a simple, no-nonsense guide to learning how unit testing works? This video course is what you need. Complete with hands-on exercises and best practices, this guide will help you to understand JUnit and Mockito unit testing with ease.

The course starts with an introduction to unit testing and highlights the need and importance of its testing framework, JUnit. You'll then understand the project structure and conventions by creating a Java project using JUnit. As you implement best practices for writing and running unit tests with JUnit and IntelliJ IDEA, you'll discover how JUnit works. You'll also write mock objects-based unit tests with Mockito for testing a simple layered architecture. Finally, you'll learn to make more powerful assertions in your unit tests by harnessing the power of the Hamcrest assertions library that ships with JUnit.

By the end of this course, you'll have developed the skills needed for writing better unit tests using JUnit, Mockito, and Hamcrest.

What You Will Learn

- Understand modern unit testing concepts and best practices
- Find out how to run unit tests in the IDE
- Analyze production code for writing quality unit tests
- Study and implement JUnit's fail fast mechanism
- Become familiar with Mockito and mock objects
- Compose Hamcrest matchers to create readable assertions

Audience

Whether you are a Java developer or a tester who wants to write unit tests using JUnit, Mockito, and Hamcrest, this course is for you. A basic understanding of Java is necessary to get started with this course.

About The Author

Matthew Speake: Matthew Speake is a Java technologist and trainer. He has over 20 years of experience working everywhere from small start-ups to large global corporations and is the principal trainer at Zention in the UK.

He started JavaEasily in 2018 to produce courses focused on teaching Java technology to students all around the world. Since then, JavaEasily has been busy creating and publishing courses and articles on different aspects of Java to help beginners and intermediate Java developers enhance their skills. JavaEasily helps you become a better Java developer by teaching you the core skills you need in order to succeed in your Java career.



About the Publisher

Packt helps real-world developers put software to work in new ways with over 7,500 practical books and videos covering over 1,000 technologies. With coverage ranging from introductory programming to new and emerging technologies, as well as expert advice from industry-leading figures, Packt has great content for any technical professional looking to stay relevant and keep their skills up-to-date.



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