



Pragmatic Unit Testing in Java with JUnit

By *Andy Hunt, Dave Thomas*

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Learn how to improve your Java coding skills using unit testing. Despite its name, unit testing is really a coding technique, not a testing technique. Unit testing is done by programmers, for programmers. It's primarily for our benefit: we get improved confidence in our code, better ability to make deadlines, less time spent in the debugger, and less time beating on the code to make it work correctly. This book shows how to write tests, but more importantly, it goes where other books fear to tread and gives you concrete advice and examples of what to test--the common things that go wrong in all of our programs. Discover the tricky hiding places where bugs breed, and how to catch them using the freely available JUnit framework. It's easy to learn how to think of all the things in your code that are likely to break. We'll show you how with helpful mnemonics, summarized in a handy tip sheet (also available from our www.pragmaticprogrammer.com website) to help you remember all this stuff. With this book you will:

- Write better code, and take less time to write it
- Discover the tricky places where bugs breed
- Learn how to think of all the things that could go wrong
- Test individual pieces of code without having to include the whole project
- Test effectively with the whole team

We'll also cover how to use Mock Objects for testing, how to write high quality test code, and how to use unit testing to improve your design skills. We'll show you frequent "gotchas"--along with the fixes--to save you time when problems come up. We'll show you how with helpful mnemonics, summarized in a handy tip sheet (also available from our www.pragmaticprogrammer.com website). But the best part is that you don't need a sweeping mandate to change your whole team or your whole company. You don't need to adopt Extreme Programming or Test-Driven Development, or change your development process in order to reap the proven benefits of unit testing. You can start unit testing, the pragmatic way, right away.

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Editorial Review

About the Author

Andy Hunt is a programmer turned consultant, author and publisher. He co-authored the best-selling book “The Pragmatic Programmer”, was one of the 17 founders of the Agile Alliance, and co-founded the Pragmatic Bookshelf, publishing award-winning and critically acclaimed books for software developers.

Dave Thomas, as one of the authors of the Agile Manifesto, understands agility. As the author of "Programming Ruby," he understands Ruby. And, as an active Rails developer, he knows Rails.

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Here thing why this particular Pragmatic Unit Testing in Java with JUnit are different and trusted to be yours. First of all reading through a book is good but it really depends in the content than it which is the content is as yummy as food or not. Pragmatic Unit Testing in Java with JUnit giving you information deeper and different ways, you can find any reserve out there but there is no publication that similar with Pragmatic Unit Testing in Java with JUnit. It gives you thrill reading journey, its open up your eyes about the thing in which happened in the world which is perhaps can be happened around you. You can actually bring everywhere like in recreation area, café, or even in your approach home by train. For anyone who is having difficulties in bringing the branded book maybe the form of Pragmatic Unit Testing in Java with JUnit in e-book can be your choice.

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