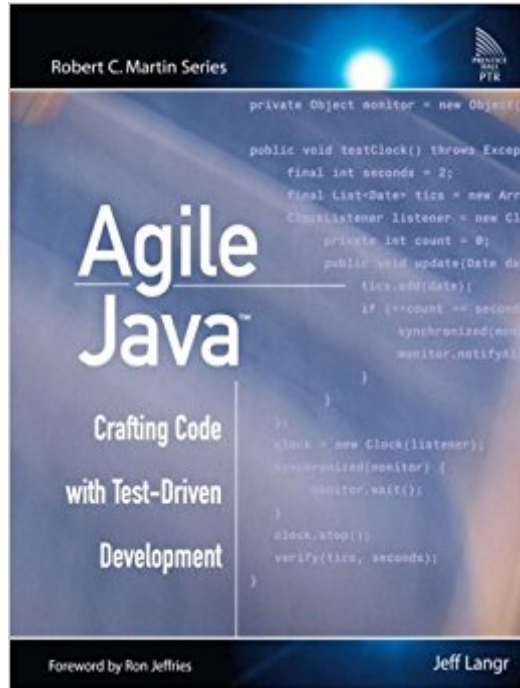# The book was found

Agile Javaâ„¢: Crafting Code With Test-Driven Development

Synopsis

Shows how Java and TDD integrate throughout the entire development lifecycle, helping you leverage efficient development techniques. This work also shows how to translate oral requirements into practical tests, and then how to use those tests to create reliable, high-performance Java code that solves real problems.

Book Information

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Average Customer Review: 4.6 out of 5 stars See all reviews (19 customer reviews)

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Customer Reviews

It's getting more and more difficult to do Java books that offer anything that's unique. But Jeff Langr has succeeded in finding a niche with Agile Java (Prentice Hall). It's a book I could definitely recommend...Chapter List: Introduction; An Agile Overview; Setting Up; Getting Started; Java Basics; Strings and Packages; Class Methods and Fields; Interfaces and Polymorphism; Inheritance; Legacy Elements; Exceptions and Logging; Maps and Equality; Mathematics; I/O; Reflection and Other Advanced Topics; Multithreading; Generics; Assertions and Annotations; Swing, Part 1; Swing, Part 2; Java Miscellany; An Agile Java Glossary; Java Operator Precedence Rules; Getting Started with IDEA; Agile Java References; IndexThe basics of the book are pretty good. You have fifteen "lessons" that cover the material in the book, as well as three bonus lessons on Swing and other miscellaneous subjects. I really like the way he takes a single example (a student information system) and uses that throughout the entire lesson material. It gives good continuity and you don't have to readjust your focus for each lesson. The exercises at the end of each lesson follow a different example all the way through (a chess program), so you have a couple

of different ways to learn, but it remains consistent throughout. He also doesn't try and cover absolutely everything in the Java universe. He picks the important stuff you need to know and realizes that you'll have to get the rest of the stuff on your own. This means that the book is approachable and doesn't become another 1500 page doorstop.The uniqueness in the book comes in with the "Agile" part of the title.

Don't just learn Java, learn how to write solid Java code.I teach Java in a continuing education program that is part of the University of Massachusetts. I will be using this book in my future classes.Here's why:It is pretty easy to learn the basics of Java. Sun provides a free tutorial that's good. ([...] and there are a literally tons of Java books out there too. While one of the strengths of Java is that is pretty easy to get started with, it is much harder to do right.What makes this book stand out is that that it tries (and succeeds) at doing more than just teach Java. It teaches an important methodology too - how to test your code as you are writing it. This is an important aspect of writing good Java code, and one that I can't over emphasize when teaching it. It is just as important as learning the language itself. The particular methodology used in this book is called Test Driven Development, but I don't think that's so important to someone just starting out. What's important is to learn the value of unit testing from the start, and this book does that well. The book uses the JUnit framework and ANT from the start. Both of these tools belong in any Java programmer's tool kit. They go hand and in hand with the Java language. It is great that they are presented in a context targeted for novice programmers who want to learn Java. These are real world skills that are often over looked in more academic approaches to teaching Java. Yet, they not only make you more productive with Java, but they can make using it more fun too. See (Unit Test Infected: Programmers Love Writing Tests [...])Other things that make this book strong include the author's writing style. It is clear, concise and refreshingly informal.

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