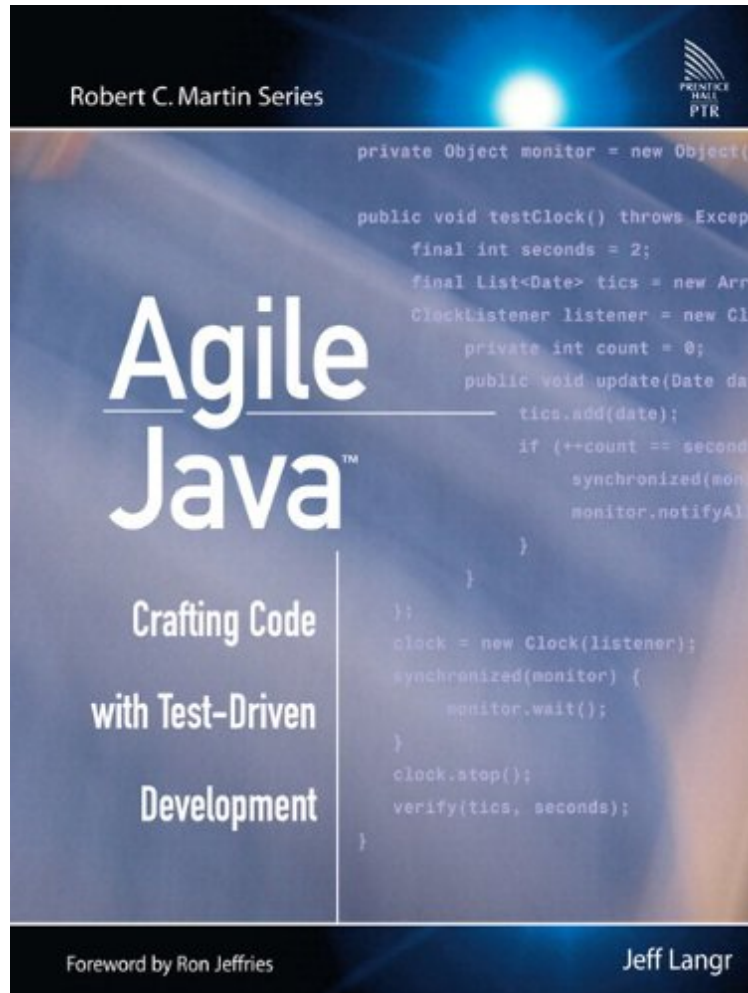


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# Agile Java: Crafting Code with Test-Driven Development (Robert C. Martin Series)

Von Jeff Langr

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**Von Jeff Langr : Agile Java: Crafting Code with Test-Driven Development (Robert C. Martin Series)** before purchasing it in order to gage whether or not it would be worth my time, and all praised Agile Java: Crafting Code with Test-Driven Development (Robert C. Martin Series):

KundenrezensionenHilfreichste Kundenrezensionen4 von 4 Kunden fanden die folgende Rezension hilfreich. Gute Einfhrung in Java und Test-Driven-DevelopmentVon Ein KundeAuf 700 Seiten (+Anhang) wird eine exzellente Einfhrung in Java geboten. Dabei wird von Anfang an Test-Driven-Development mit JUnit benutzt. Dabei werden auch neue Java-Elemente (Version 5.0) wie Generics und Annotations bercksichtigt. Im letzten Teil des Buches wird auch auf ca. 100 Seite kurze Einfhrung in Swing geboten - und das Thema TDD im Zusammenhang mit der GUI-

Programmierung behandelt. Die Kapitel sind klar strukturiert, verständlich geschrieben und leicht zu lesen. Bewusst wird dabei nicht auf bestimmte IDE's - wie Eclipse - eingegangen, sondern auf die Command-Line Werkzeuge des SDK's zurückgegriffen. Aus meiner Sicht stellt das auch die einzige kleine Schwäche des Buches dar, da die meisten Leser vermutlich - so wie ich - Eclipse verwenden werden. Für Leser die eine Einführung in Java suchen - und bereits Erfahrung mit anderen Programmiersprachen haben - absolut empfehlenswert. Leser, die bereits Erfahrung mit Java haben und etwas zum Thema 'Agile Development' suchen, werden dabei allerdings weniger angesprochen.

Kurzbeschreibung Master Java 5.0 and TDD Together: Build More Robust, Professional Software Master Java 5.0, object-oriented design, and Test-Driven Development (TDD) by learning them together. Agile Java weaves all three into a single coherent approach to building professional, robust software systems. Jeff Langr shows exactly how Java and TDD integrate throughout the entire development lifecycle, helping you leverage today's fastest, most efficient development techniques from the very outset. Langr writes for every programmer, even those with little or no experience with Java, object-oriented development, or agile methods. He 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. Agile Java doesn't just teach the core features of the Java language: it presents coded test examples for each of them. This TDD-centered approach doesn't just lead to better code: it provides powerful feedback that will help you learn Java far more rapidly. The use of TDD as a learning mechanism is a landmark departure from conventional teaching techniques. Presents an expert overview of TDD and agile programming techniques from the Java developer's perspective Brings together practical best practices for Java, TDD, and OO design Walks through setting up Java 5.0 and writing your first program Covers all the basics, including strings, packages, and more Simplifies object-oriented concepts, including classes, interfaces, polymorphism, and inheritance Contains detailed chapters on exceptions and logging, math, I/O, reflection, multithreading, and Swing Offers seamlessly-integrated explanations of Java 5.0's key innovations, from generics to annotations Shows how TDD impacts system design, and vice versa Complements any agile or traditional methodology, including Extreme Programming (XP) Kurzbeschreibung Master Java 5.0 and TDD Together: Build More Robust, Professional Software Master Java 5.0, object-oriented design, and Test-Driven Development (TDD) by learning them together. Agile Java weaves all three into a single coherent approach to building professional, robust software systems. Jeff Langr shows exactly how Java and TDD integrate throughout the entire development lifecycle, helping you leverage today's fastest, most efficient development techniques from the very outset. Langr writes for every programmer, even those with little or no experience with Java, object-oriented development, or agile methods. He 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. Agile Java doesn't just teach the core features of the Java language: it presents coded test examples for each of them. This TDD-centered approach doesn't just lead to better code: it provides powerful feedback that will help you learn Java far more rapidly. The use of TDD as a learning mechanism is a landmark departure from conventional teaching techniques. Presents an expert overview of TDD and agile programming techniques from the Java developer's perspective Brings together practical best practices for Java, TDD, and OO design Walks through setting up Java 5.0 and writing your first program Covers all the basics, including strings, packages, and more Simplifies object-oriented concepts, including classes, interfaces, polymorphism, and inheritance Contains detailed chapters on exceptions and logging, math, I/O, reflection, multithreading, and Swing Offers seamlessly-integrated explanations of Java 5.0's key innovations, from generics to annotations Shows how TDD impacts system design, and vice versa Complements any agile or traditional methodology, including Extreme Programming (XP) Synopsis Agile Java is a valuable tutorial and reference. It introduces the Java language with no assumptions about a developer's background in Java, object-oriented development, or TDD. The book will also retain significant value as a cookbook that readers will turn to time and again to learn how to approach TDD with respect to various language features. The author stresses the importance of TDD by showing coded tests for every Java feature taught. A programmer learning with this book will understand how to translate oral requirements into tests, and tests into working code. Readers also learn how TDD impacts the design of the system, and vice versa. In short, anyone who wants to understand what it takes to build a professional, robust software system using Java will want this book. Agile Java will be ideally timed to coincide with Sun's forthcoming release of Java 5 (J2SE 1.5).