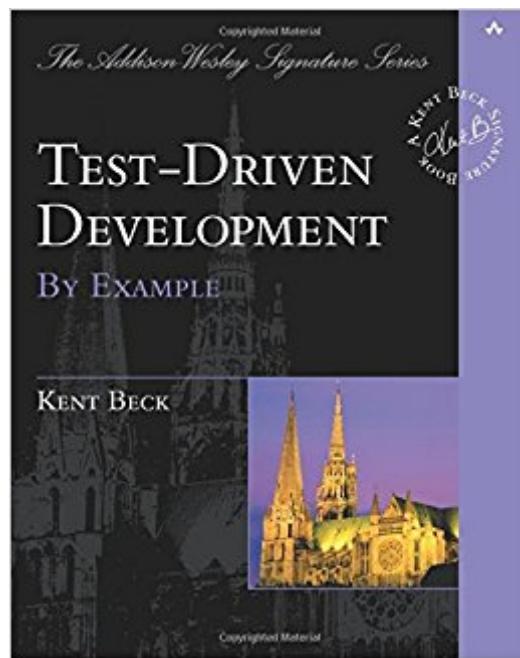The book was found

Test Driven Development: By Example

Synopsis

Follows two TDD projects from start to finish, illustrating techniques programmers can use to increase the quality of their work. The examples are followed by references to the featured TDD patterns and refactorings. This book emphasises on agile methods and fast development strategies.

Book Information

Paperback: 240 pages

Publisher: Addison-Wesley Professional; 1 edition (November 18, 2002)

Language: English

ISBN-10: 0321146530

ISBN-13: 978-0321146533

Product Dimensions: 7.3 x 0.7 x 9.1 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: 4.1 out of 5 stars 74 customer reviews

Best Sellers Rank: #43,819 in Books (See Top 100 in Books) #13 in Books > Computers & Technology > Programming > Software Design, Testing & Engineering > Testing #40 in Books > Textbooks > Computer Science > Software Design & Engineering #89 in Books > Computers & Technology > Programming > Software Design, Testing & Engineering > Software Development

Customer Reviews

Clean code that works--now. This is the seeming contradiction that lies behind much of the pain of programming. Test-driven development replies to this contradiction with a paradox--test the program before you write it. A new idea? Not at all. Since the dawn of computing, programmers have been specifying the inputs and outputs before programming precisely. Test-driven development takes this age-old idea, mixes it with modern languages and programming environments, and cooks up a tasty stew guaranteed to satisfy your appetite for clean code that works--now. Developers face complex programming challenges every day, yet they are not always readily prepared to determine the best solution. More often than not, such difficult projects generate a great deal of stress and bad code. To garner the strength and courage needed to surmount seemingly Herculean tasks, programmers should look to test-driven development (TDD), a proven set of techniques that encourage simple designs and test suites that inspire confidence. By driving development with automated tests and then eliminating duplication, any developer can write reliable, bug-free code no matter what its level of complexity. Moreover, TDD encourages programmers to learn quickly, communicate more clearly, and seek out constructive feedback. Readers will learn to: Solve complicated tasks,

beginning with the simple and proceeding to the more complex. Write automated tests before coding.   Grow a design organically by refactoring to add design decisions one at a time. Create tests for more complicated logic, including reflection and exceptions. Use patterns to decide what tests to write. Create tests using xUnit, the architecture at the heart of many programmer-oriented testing tools. This book follows two TDD projects from start to finish, illustrating techniques programmers can use to easily and dramatically increase the quality of their work. The examples are followed by references to the featured TDD patterns and refactorings. With its emphasis on agile methods and fast development strategies, Test-Driven Development is sure to inspire readers to embrace these under-utilized but powerful techniques.   0321146530B10172002

Kent Beck consistently challenges software engineering dogma, promoting ideas like patterns, test-driven development, and Extreme Programming. Currently affiliated with Three Rivers Institute and Agitar Software, he is the author of many Addison-Wesley titles.

This book is a must have if you really want to dig into the practice of TDD. Kent Beck describes how you should begin, how to step through tests and production code and comes with handy examples.The book begins with a full example of how to create and evolve software completely test driven. You'll learn how to write the tests, how to fill leaps if you don't have any clue how to write the next test on the list with intermediate tests and you see, how easy design decisions can be applied or reverted if necessary.At the end of the book there is also a discussion about what TDD is all about, how you can apply it to your own skills/practices and what you have to look for when applying it onto new but also existing applications.I liked reading it very much.

Kent Beck is one of my favorite authors. Learning and becoming proficient at TDD requires a shift in how software development is approached. Lots of people who have been doing TDD for quite a while make it seem like a trivial task to utilize, but for beginners who wonder how in the heck you start with a test it's not so easy. This book goes a long way to providing real world examples as well as demonstrates how to utilize TDD and will help anyone looking to wrap their brain about the TDD approach of software development.

I have found this book very useful - although i don't use much of the Java programming language (on which examples are based), but it does not affect readability nor usefulness or generality. Author is clearly technically very strong and his style of writing is just amazing: it exposes material in

short, clear and easy to understand steps. He also has found a way to throw in a joke here and there. Chapters are short (or better say long enough). I can only recommend this book for every person who wants to improve his/her programming skills.

My question is, "Why did Microsoft take so long to put the toolset in their product." This is by far the best way to program and it's implecations are far reaching and this book deserves the acclaim of which I have heard regarding TDD. The book reads easily and I was following along in C# for the case samples provided. When used, this will have a profound effect on the way you code and I assure you, it will be a change it for the better. My sincere thanks go out to Kent Beck, and all the people that have promoted this technique. I feel fortunate to have come upon such a wonderful process.All my best, Kent G.

This is the most helpful book I've read so far on getting you familiar with testing. You get walked through creating a currency model using TDD and then walk through creating your own TDD framework using TDD so that you never have to be without it.

Readable in 2 days! Gives a good kick in trying and applying real test driven development

While the first two parts of the book: "The Money Example" and "The xUnit Example" may seem discontenting for an experienced XP'er, the third part: "Patterns for Test-Driven Development" is amazingly impressive. It brings lot of valuable patterns: Test-Driven Development Patterns, Red Bar Patterns, Testing Patterns, Green Bar Patterns, xUnit Patterns and Design Patterns. Despite the book "Design Patterns" seems to be provisioning, design in test-driven-development requires a slightly different look at design patterns, and Kent Beck has done his best in providing not only the common vocabulary, but a gainful technique not known to be described anywhere else before.Before the publication of this book, there was a lack of a good manual for xUnit testing framework. The title "Testing Extreme Programming" by Lisa Crispin and Tip House, released a couple of month before this book, didn't fill the gap. This book is the first significant guidebook for xUnit ever released. While the work "Extreme Programming Installed" exposes most valuable testing experience among other XP titles, it didn't focus on xUnit as well.I would recommend "Design Pattern" and "Refactoring" in addition to this book, assuming that you are aware of the XP manifesto: "Extreme Programming Explained".

The best programming book I have ever read, and I have read many...

Test Driven Development: By Example What Customers Want: Using Outcome-Driven Innovation to Create Breakthrough Products and Services: Using Outcome-Driven Innovation to Create Breakthrough ... (Marketing/Sales/Advertising & Promotion) Cable-Driven Parallel Robots: Proceedings of the Third International Conference on Cable-Driven Parallel Robots (Mechanisms and Machine Science) Mastering Lean Product Development: A Practical, Event-Driven Process for Maximizing Speed, Profits, and Quality The Object Primer: Agile Model-Driven Development with UML 2.0 How to Draw and Paint Portraits: Learn how to draw people through taught example, with more than 400 superb photographs and practical exercises, each designed to help you develop your skills Character Mentor: Learn by Example to Use Expressions, Poses, and Staging to Bring Your Characters to Life Econometrics by Example Learning BASIC Kanji for Beginners (1st Grade): -Stroke Order -Onyomi and Kunyomi -Pronunciation in Romaji -Example Sentences -English Meaning -Note to Help Memorizing the Kanji Tiny Houses: The Perfect Tiny House, with Tiny House Example Plans Business plan template and example: how to write a business plan: Business planning made simple Webster's Thesaurus for Students: Entries Are Alphabetically Arranged Easy-To-Use Thousands of Example Sentences Structural Analysis Using SAP2000: Includes a Real Life Example: Moment Envelope of an Indeterminate Beam Aquatic Gardens Ponds, Streams, Waterfalls & Fountains: Volume 2. Maintenance, Maintenance, Livestock, & Example Systems (Aquatic Gardens: Streams, Waterfalls & Fountains) Vectors and Tensors By Example: Including Cartesian Tensors, Quaternions, and Matlab Examples Data Analysis and Graphics Using R: An Example-Based Approach (Cambridge Series in Statistical and Probabilistic Mathematics) Regression Analysis by Example Accelerator Physics: Example Problems With Solutions Daily Self Discipline: Tips and Techniques On How To Develop, Build and Improve Self Control To Gain Meaning, Get More Success, and Become a Shining No-Excuse example (Journey Book 2) Materials Characterization - Book 2: 300+ Questions & Example Answers