Scala for the Impatient

By Cay S. Horstmann

Scala for the Impatient By Cay S. Horstmann

Scala is a modern programming language for the Java Virtual Machine (JVM) that combines the best features of object-oriented and functional programming languages. Using Scala, you can write programs more concisely than in Java, as well as leverage the full power of concurrency. Since Scala runs on the JVM, it can access any Java library and is interoperable with Java frameworks.

Scala for the Impatient **concisely shows developers what Scala can do and how to do it. In this book, Cay Horstmann, the principal author of the international best-selling Core Java™, offers a rapid, code-based introduction that's completely practical. Horstmann introduces Scala concepts and techniques in "blog-sized" chunks that you can quickly master and apply. Hands-on activities guide you through well-defined stages of competency, from basic to expert. Coverage includes**

- Getting started quickly with Scala's interpreter, syntax, tools, and unique idioms
- Mastering core language features: functions, arrays, maps, tuples, packages, imports, exception handling, and more
- Becoming familiar with object-oriented programming in Scala: classes, inheritance, and traits
- Using Scala for real-world programming tasks: working with files, regular expressions, and XML
- Working with higher-order functions and the powerful Scala collections library
- Leveraging Scala's powerful pattern matching and case classes
- Creating concurrent programs with Scala actors
- Implementing domain-specific languages
- Understanding the Scala type system
- Applying advanced "power tools" such as annotations, implicits, and delimited continuations

Scala is rapidly reaching a tipping point that will reshape the experience of programming. This book will help object-oriented programmers build on their existing skills, allowing them to immediately construct useful applications as they gradually master advanced programming techniques.

Scala for the Impatient

 By Cay S. Horstmann

Scala for the Impatient By Cay S. Horstmann

Scala is a modern programming language for the Java Virtual Machine (JVM) that combines the best features of object-oriented and functional programming languages. Using Scala, you can write programs more concisely than in Java, as well as leverage the full power of concurrency. Since Scala runs on the JVM, it can access any Java library and is interoperable with Java frameworks.
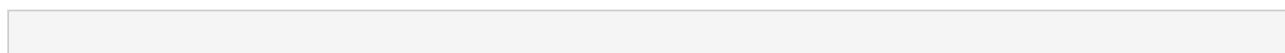
 Scala for the Impatient   concisely shows developers what Scala can do and how to do it. In this book, Cay Horstmann, the principal author of the international best-selling Core Java™, offers a rapid, code-based introduction that's completely practical. Horstmann introduces Scala concepts and techniques in "blog-sized" chunks that you can quickly master and apply. Hands-on activities guide you through well-defined stages of competency, from basic to expert. Coverage includes

- Getting started quickly with Scala's interpreter, syntax, tools, and unique idioms
- Mastering core language features: functions, arrays, maps, tuples, packages, imports, exception handling, and more
- Becoming familiar with object-oriented programming in Scala: classes, inheritance, and traits
- Using Scala for real-world programming tasks: working with files, regular expressions, and XML
- Working with higher-order functions and the powerful Scala collections library
- Leveraging Scala's powerful pattern matching and case classes
- Creating concurrent programs with Scala actors
- Implementing domain-specific languages
- Understanding the Scala type system
- Applying advanced "power tools" such as annotations, implicits, and delimited continuations

Scala is rapidly reaching a tipping point that will reshape the experience of programming. This book will help object-oriented programmers build on their existing skills, allowing them to immediately construct useful applications as they gradually master advanced programming techniques.

Scala for the Impatient By Cay S. Horstmann Bibliography

- Sales Rank: #184852 in Books
- Brand: Brand: Addison-Wesley Professional
- Published on: 2012-03-16
- Released on: 2010-06-22
- Original language: English
- Number of items: 1
- Dimensions: 9.10" h x .90" w x 7.00" l, 1.39 pounds
- Binding: Paperback
- 384 pages

Download and Read Free Online Scala for the Impatient By Cay S. Horstmann

Editorial Review

About the Author

Cay S. Horstmann is principal author of *Core Java™, Volumes I and II, Eighth Edition* (Prentice Hall, 2008), as well as a dozen other books for professional programmers and computer science students. He is a professor of computer science at San Jose State University and a Java Champion.

Users Review

From reader reviews:

Yvonne Terrell:

Book is definitely written, printed, or outlined for everything. You can know everything you want by a publication. Book has a different type. As it is known to us that book is important point to bring us around the world. Next to that you can your reading talent was fluently. A guide Scala for the Impatient will make you to end up being smarter. You can feel much more confidence if you can know about everything. But some of you think that will open or reading a book make you bored. It is far from make you fun. Why they are often thought like that? Have you searching for best book or ideal book with you?

Christine Pena:

Here thing why that Scala for the Impatient are different and reliable to be yours. First of all studying a book is good but it depends in the content than it which is the content is as delightful as food or not. Scala for the Impatient giving you information deeper since different ways, you can find any guide out there but there is no e-book that similar with Scala for the Impatient. It gives you thrill reading journey, its open up your personal eyes about the thing this happened in the world which is maybe can be happened around you. You can easily bring everywhere like in park, café, or even in your way home by train. In case you are having difficulties in bringing the paper book maybe the form of Scala for the Impatient in e-book can be your choice.

Randy Mosley:

A lot of people always spent all their free time to vacation or even go to the outside with them household or their friend. Were you aware? Many a lot of people spent many people free time just watching TV, or perhaps playing video games all day long. In order to try to find a new activity that is look different you can read a book. It is really fun for yourself. If you enjoy the book which you read you can spent all day every day to reading a publication. The book Scala for the Impatient it is rather good to read. There are a lot of those who recommended this book. They were enjoying reading this book. In case you did not have enough space to bring this book you can buy the particular e-book. You can m0ore simply to read this book from a smart phone. The price is not very costly but this book possesses high quality.

Clara Williams:

Reading a book to be new life style in this season; every people loves to read a book. When you learn a book you can get a lots of benefit. When you read guides, you can improve your knowledge, mainly because book has a lot of information in it. The information that you will get depend on what types of book that you have read. If you want to get information about your examine, you can read education books, but if you want to entertain yourself read a fiction books, these kinds of us novel, comics, along with soon. The Scala for the Impatient provide you with new experience in looking at a book.

Download and Read Online Scala for the Impatient By Cay S. Horstmann #6UHN7JPRXWB

Read Scala for the Impatient By Cay S. Horstmann for online ebook

Scala for the Impatient By Cay S. Horstmann Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Scala for the Impatient By Cay S. Horstmann books to read online.

Online Scala for the Impatient By Cay S. Horstmann ebook PDF download

Scala for the Impatient By Cay S. Horstmann Doc

Scala for the Impatient By Cay S. Horstmann Mobipocket

Scala for the Impatient By Cay S. Horstmann EPub

6UHN7JPRXWB: Scala for the Impatient By Cay S. Horstmann