

Scala for Java Developers

By Thomas Alexandre

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Scala for Java Developers By Thomas Alexandre

Build reactive, scalable applications and integrate Java code with the power of Scala

About This Book

- Learn the syntax interactively to smoothly transition to Scala by reusing your Java code
- Leverage the full power of modern web programming by building scalable and reactive applications
- Easy to follow instructions and real world examples to help you integrate java code and tackle big data challenges

Who This Book Is For

If you are a Java developer or a Java architect working with Java EE-based solutions and want to start using Scala in your daily programming, then this book is ideal for you. This book will get you up and running quickly by adopting a pragmatic approach with real-world code samples. No prior knowledge of Scala is required.

What You Will Learn

- Apply and control the Scala Ecosystem
- Migrate Java code to Scala
- Discover Play Framework web development
- Test data using Scala's testing frameworks
- Manipulate XML and JSON in Scala
- Learn the Scala syntax interactively
- Integrate Java projects in Scala
- Build reactive web apps using the Typesafe stack
- Use new systems including the Akka framework, the Play web framework, and the emerging Slick framework
- Tackle big data challenges

In Detail

Scala for Java Developers is a step-by-step guide full of easy-to-follow code taken from real-world examples explaining the migration and integration of Scala

in a Java project.

With this book, you will first get comfortable with the Scala syntax and its Java-like ecosystem, and then dive into new ways of building reactive web apps using the Typesafe stack including the actor-based Akka framework, the Play web framework, and the emerging Slick framework for persistence. The book will then teach you how to review useful tools for unit, integration, and functional testing; demonstrate how integrating with external systems applies to the Scala world and what its benefits are.

From learning the Scala syntax interactively to writing modern, scalable, reactive applications, this book will help you to take your skills to the next level by solving complex problems in a concise and maintainable way.

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Scala for Java Developers By Thomas Alexandre Bibliography

- Sales Rank: #1876006 in Books
- Published on: 2014-06-11
- Released on: 2014-04-25
- Original language: English
- Number of items: 1
- Dimensions: 9.25" h x .64" w x 7.50" l, 1.08 pounds
- Binding: Paperback
- 282 pages

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Editorial Review

About the Author

Thomas Alexandre

Thomas Alexandre is a senior consultant at DevCode, specializing in Java and Scala software development. He is passionate about technology, enthusiastic about sharing knowledge, and is always looking for ways to code more effectively through the adoption of new open source software and standards. In addition to 15 years of Java development, he has focused these past few years on emerging languages and web frameworks such as Groovy and Scala. He also has a Ph.D. in Computer Science from the University of Lille, France, and has spent two years as a postdoc with Carnegie Mellon University in the fields of Security and Ecommerce. Thomas is a certified trainer by Typesafe, the creators of Scala.

Users Review

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Melvin Lucero:

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