Scala For Java Developers A Practical Primer

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CON2960 Intro to Scala for Java Developers ~~Scala for Java Developers by Martin Ockajak~~

Scala for Java developers

Scala for Java developers - Magnus Härlin

Scala for Java programmers, the Euler way - ep. 01 (1 of 3) Scala Tutorial Scala for Java Developers ~~Functional Programming In Scala For the Working Class Java Programmer Part 1~~ ~~Scala Tutorial Full Course~~ Jesper De Jong - Practical Scala for the busy Java developer **sc4jd pt1 - Hello World in Scala - Scala for Java Developers** *Busy Java Developer's Guide to Scala: Thinking* ~~We Won! How Scala Conquered the Big Data World~~ **Matt Sicker Presents Scala For Java Developers** *Scala for the Intrigued Go for Java Developers - Stoyan Rachev* ScalaTest for Java developers (Alan Gibson) <u>What is Scala and Why to Learn Scala?</u> ~~How to Install Java on Mac (2020) | Install Java JDK on macOS~~ <u>Scala For Java Developers A</u>
This document gives a quick introduction to the Scala language and compiler. It is intended for people who... A First Example.

<u>A Scala Tutorial for Java Programmers | Scala Documentation</u>
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.

<u>Scala for Java Developers: Alexandre, Thomas ...</u>
Translate Java syntax that you already know into Scala; Learn what Scala offers over and above Java; Become familiar with functional programming concepts and idioms; Gain tips and advice useful when transitioning existing Java projects to Scala . Who This Book Is For. Java developers looking to transition to Scala. No prior experience necessary ...

<u>Scala for Java Developers: A Practical Primer: Weston ...</u>
Introduction. I was asked to prepare a 30-min presentation about the Scala programming language. The target audience is a community of experienced Java developers in our organization.

<u>A Scala tutorial for Java developers | by Dima Statz | Medium</u>

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.

Scala for Java Developers
Translate what you already know in Java to Scala and start your functional programming journey. This course will help you transition from programming in Java to programming in Scala.

Scala for Java Developers | Pluralsight
Gain tips and advice useful when transitioning existing Java projects to Scala; Who This Book Is For. Java developers looking to transition to Scala. No prior experience necessary in Scala. Download. Scala for Java Developers.pdf. Automatically open website of the sponsor when clicking download.

Scala for Java Developers free download | ITeBooksFree.com
Scala for Java Developers Book Description: Master the fundamentals of Scala and understand its emphasis on functional programming that sets it apart from Java. This book will help you translate what you already know in Java to Scala to start your functional programming journey.

Scala for Java Developers - PDF eBook Free Download
There are two sides to the Scala story -- the philosophical one introducing one to functional thinking and actor based systems and the practical one bringing people (especially java developers) up to speed with programming in Scala and its eco system.

Amazon.com: Customer reviews: Scala for Java Developers
On the IDE, right-click the package first.scala.tutorial (or whatever you have called it) and select New -> Scala Class. In the dialogue, type the name of the class, Person, and click on [Finish]. A new source file named Person.scala appears in Package Explorer, and should be opened in the Editor window with an empty class declaration.

Learn Scala in 30 minutes: A Tutorial for Java Programmers ...
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.

Amazon.com: Scala for Java Developers eBook: Alexandre ...
Learn Scala for Java Developers is for Java developers looking to transition to programming Scala. The book will help you translate the Java you already know into Scala and kick-start your productivity.

Learn Scala for Java Developers: Weston, Toby ...
Thomas Alexandre Scala combines the object-oriented and functional programming paradigms, using a concise syntax that is fully compatible with Java

and runs on the JVM.

An Introduction to Scala for Java Developers

There is no need to abandon the existing Java code base completely, this class will show you a) the basics of Scala, and b) how to transition smoothly, painlessly, and guarantee you a soft landing as a Java programmer in Scala. Over 2.5 hours in 8 lectures, and we're expanding and adding new material based on students' feedback!

Scala for Java Developers: Transition Up! | Udemy

Learn Practical Scala for Java Developers from a professional trainer on your own time at your own desk. This visual training method offers users increased retention and accelerated learning. Breaks even the most complex applications down into simplistic steps.

Amazon.com: Practical Scala for Java Developers [Online ...

This step-by-step guide is full of easy-to-follow code taken from real-world examples explaining the migration and integration of Scala in a Java project. If you are a Java developer or a Java architect, working in Java EE-based solutions and want to start using Scala in your daily programming, 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.

?Scala for Java Developers on Apple Books

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Scala for Java Developers eBook by Thomas Alexandre ...

the emphasis is on how to use Scala to provide better solutions to familiar problem, such as accessing relational data from Java. The coverage of Scala/Java integration is particularly welcome, as the topic seldom gets the attention it deserves. (In fact, Scala is so important partly because it does not force developers to abandon Java and the JVM).

Master the fundamentals of Scala and understand its emphasis on functional programming that sets it apart from Java. This book will help you translate what you already know in Java to Scala to start your functional programming journey. Learn Scala is split into four parts: a tour of Scala, a comparison between Java and Scala, Scala-specific features and functional programming idioms, and finally a discussion about adopting Scala in existing Java teams and legacy projects. After reading and using this tutorial, you'll come away with the skills in Scala to kick-start your productivity with this growing popular

language. What You'll Learn Tour Scala and learn the basic syntax, constructs, and how to use the REPL Translate Java syntax that you already know into Scala Learn what Scala offers over and above Java Become familiar with functional programming concepts and idioms Gain tips and advice useful when transitioning existing Java projects to Scala Who This Book Is For Java developers looking to transition to Scala. No prior experience necessary in Scala.

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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.

Presents an introduction to the new programming language for the Java Platform.

Get up to speed on Scala, the JVM language that offers all the benefits of a modern object model, functional programming, and an advanced type system.

Packed with code examples, this comprehensive book shows you how to be productive with the language and ecosystem right away, and explains why Scala is ideal for today's highly scalable, data-centric applications that support concurrency and distribution. This second edition covers recent language features, with new chapters on pattern matching, comprehensions, and advanced functional programming. You'll also learn about Scala's command-line tools, third-party tools, libraries, and language-aware plugins for editors and IDEs. This book is ideal for beginning and advanced Scala developers alike. Program faster with Scala's succinct and flexible syntax Dive into basic and advanced functional programming (FP) techniques Build killer big-data apps, using Scala's functional combinators Use traits for mixin composition and pattern matching for data extraction Learn the sophisticated type system that combines FP and object-oriented programming concepts Explore Scala-specific concurrency tools, including Akka Understand how to develop rich domain-specific languages Learn good design techniques for building scalable and robust Scala applications

Software development today is embracing functional programming (FP), whether it's for writing concurrent programs or for managing Big Data. Where does that leave Java developers? This concise book offers a pragmatic, approachable introduction to FP for Java developers or anyone who uses an object-oriented language. Dean Wampler, Java expert and author of Programming Scala (O'Reilly), shows you how to apply FP principles such as immutability, avoidance of side-effects, and higher-order functions to your Java code. Each chapter provides exercises to help you practice what you've learned. Once you grasp the benefits of functional programming, you'll discover that it improves all of the code you write. Learn basic FP principles and apply them to object-oriented programming Discover how FP is more concise and modular than OOP Get useful FP lessons for your Java type design—such as avoiding nulls Design data structures and algorithms using functional programming principles Write concurrent programs using the Actor model and software transactional memory Use functional libraries and frameworks for Java—and learn where to go next to deepen your functional programming skills

Summary Functional Programming in Scala is a serious tutorial for programmers looking to learn FP and apply it to the everyday business of coding. The book guides readers from basic techniques to advanced topics in a logical, concise, and clear progression. In it, you'll find concrete examples and exercises that open up the world of functional programming. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Functional programming (FP) is a style of software development emphasizing functions that don't depend on program state. Functional code is easier to test and reuse, simpler to parallelize, and less prone to bugs than other code. Scala is an emerging JVM language that offers strong support for FP. Its familiar syntax and transparent interoperability with Java make Scala a great place to start learning FP. About the Book Functional Programming in Scala is a serious tutorial for programmers looking to learn FP and apply it to their everyday work. The book guides readers from basic techniques to advanced topics in a logical, concise, and clear progression. In it, you'll find concrete examples and exercises that open up the world of functional programming. This book assumes no prior experience with functional programming. Some prior exposure to Scala or Java is helpful. What's Inside Functional programming concepts The whys and hows of FP How to write multicore programs Exercises and checks for understanding About the Authors Paul Chiusano and Rúnar Bjarnason are recognized experts in functional programming with Scala and are core contributors to the Scalaz library. Table of Contents PART 1 INTRODUCTION TO FUNCTIONAL PROGRAMMING What is functional programming? Getting started with functional programming in Scala Functional data structures Handling errors without exceptions Strictness and laziness Purely functional state PART 2 FUNCTIONAL DESIGN AND COMBINATOR LIBRARIES Purely functional parallelism Property-based testing Parser combinators PART 3 COMMON STRUCTURES IN FUNCTIONAL DESIGN Monoids Monads Applicative and traversable functors PART 4 EFFECTS AND I/O External effects and I/O Local effects and mutable state Stream processing and incremental I/O

"You're a Java developer who has heard of Scala and maybe now you're being asked to work on Scala code. Concerned? Don't be. Taught by Java-Scala experts Ben Evans and Julian Templeman, this courseanswers the questions you want answered: What is Scala really useful for? Does it help with concurrency? What is functional programming and how much do I really need to know? How do I set up a Scala development environment, how do I test, and what are the must-know Scala idioms? If you're an intermediate level Java developer with six months of experience under your belt, then this course will quickly transform you from the Scala ignorant to the Scala capable."--Resource description page.

Build reactive, scalable applications and integrate Java code with the power of Scala Overview 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 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. What you will learn from this book 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 Approach This step-by-step guide is full of easy-to-follow code taken from real-world examples explaining the migration and integration of Scala in a Java project. Who this book is written 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.

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