

Reactive Web Applications With Scala Play Akka And Reactive Streams

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Reactive Web Applications With Scala

Reactive Web Applications

reactive web application Your first This chapter covers Creating a new Play project Streaming data from a remote server and broadcasting it to clients Dealing with failure In the previous chapter, we talked about the key benefits of adopting a reactive approach to web ...

Developing Reactive Apps with Play Framework and Akka

Each page must end in scala.html A page can be placed inside of folders for better organization A page with the name index.html will be referred to in source code as views.html/index A page with the name analysis/index.html will be referred to in source code as views.html/analysis/index Try This!

Reactive Web Applications - Amazon Web Services

make it possible to build reactive web applications that are capable of providing real-time behavior to users even under high load and in a decentralized setting At the time of this writing, Play is the only full-stack reactive web application framework available on the Java virtual machine Embraced by large companies such as Morgan Stan

Akka HTTP: The Reactive Web Toolkit - Lightbend

Akka HTTP: The Reactive Web Toolkit Dr Roland Kuhn @rolandkuhn — Akka Tech Lead

Reactive Dashboard's Using Apache Spark

• Introduction to Reactive Applications • Reactive Platform • Live Demo A typical database application Sub second response For the Scala API, Spark 141 uses Scala 210 Java 8 sudo add-apt-repository ppa:webupd8team/java The High Velocity Web Framework For Java and Scala RESTful by default JSON is a first class citizen Web

Reactive Web Applications: Working with Futures

Reactive Web Applications: Working with Futures By Manuel Bernhardt Futures are a layer of abstraction on top of the familiar concept of callbacks In this article, excerpted from Reactive Web Applications, I will explain why Futures help address the problem of programming in an asynchronous fashion

An Introduction to Reactive Programming

•Intro to reactive applications •The Observer pattern •Event-based languages •Reactive languages -Web applications -Mobile apps Guido Salvaneschi: ...

Scala: the New

Play for Scala shows you how to build Scala-based web applications using the The new way to make web applications is here—where data is big, not just its size but If you're interested in writing highly reactive and concurrent systems, these are the technologies that simplify the ...

Building Applications with Scala

Building Applications with Scala Credits About the Author Acknowledgments About the Reviewer wwwPacktPubcom Why subscribe? Preface What this book covers What you need for this book Who this book is for Conventions Reader feedback Customer support Downloading the example code Downloading the color images of this book Errata Piracy Questions 1

BEYOND THE BUZZWORD: A REACTIVE WEB APPLICATION IN ...

BEYOND THE BUZZWORD: A REACTIVE WEB APPLICATION IN PRACTICE MANUEL BERNHARDT - @ELMANU WHO IS SPEAKING > web, web, web > freelance software consultant > Vienna Scala User Group > writing wrote a book on reactive web-applications HTTP://WWW.MANNING.COM/BOOKS/ REACTIVE-WEB-APPLICATIONS 39% OFF WITH CODE CTWJFOKUS16 scalaconcurrentFuture

Bringing Reactive Applications to the Java Virtual Machine

Framework is an MVC based web framework that focuses on developer productivity, modern web and mobile applications, and predictable, minimal resource consumption resulting in highly performant, highly scalable applications Scala, Akka, Play and Spray are all components of the Typesafe Reactive Platform

Chapter 1: Introduction to FP, Reactive, and Scala

Building Reactive Functional Scala Applications [hello-world-sbt\$ sbt run Java Hotspot(TM) 64-Bit Server VM warning: ignoring option MaxPermSize=512M; support was removed in 80 Web site developed by @trodriguez Compre por menos 38,941 usages Explore gratuitamente EXPLORE gettyimage\$ iStock

Multi-tier Functional Reactive Programming for the Web

Multi-tier Functional Reactive Programming for the Web Bob Reynders iMinds - DistriNet, KU Leuven to writing web applications that deeply integrates FRP and multi-tier languages, and where the whole is greater than the Scala API and implementation make use of the JS-Scala

Reactive Messaging Patterns - pearsoncmg.com

Reactive messaging patterns with the Actor model : applications and integration in Scala and Akka / Vaughn Vernon pages cm Includes bibliographical references and index ISBN 978-0-13-384683-6 (hardcover : alk paper) 1 Scala (Computer program language) 2 Application software—Development 3 Computer multitasking—Mathematics 4 Java

Multi-Tier Functional Reactive Programming for the Web

We present Scalagna, a first step towards multi-tier programming for Scala It takes advantage of ScalaJS, a mature Scala to JavaScript compiler with its own ecosystem of libraries Incremental behaviors are an additional FRP primitive State that is incrementally modified is common in web applications, a user that interacts with a program

“A Survey on Reactive Programming”

“A Survey on Reactive Scala React signals and events Push Manual N Y N Flapjax behaviours and events Push Explicit and (eg, Web applications) becoming increasingly distributed, we believe that reactive programming needs to be further explored to cover distributed environments while giving the same assurances as their

Reactive Slick for Database Programming - Amazon Web ...

- Play Framework for Web Applications • Ideal for Responsive Web Apps • Rest based Services and Web Socket Apps • Supports Java and Scala • Akka Runtime • Highly Scalable Runtime for Java and Scala Applications • Implementation of the Actor Model • Scala Programming Language • Scalable and ...

Debugging Reactive Programming with Reactive Inspector

Reactive Inspector, our reference implementation of RP De-bugging, is an Eclipse plugin integrated with the debugger of the Scala Eclipse IDE [15] Reactive Inspector supports the REScala [13] reactive language and is made of about 8000 LOC In Reactive Inspector (Figure 3), when the user is debugging a

Distributed System Development with ScalaLoci

languages that provide RP features, eg, Ur/Web [Chlipala2015], still confine reactives to each single component and do not allow defining data flow over multiple hosts We propose ScalaLoci1, a multitier reactive language with a novel combination of abstractions for distributed applications

Akka - manuelmeyer.net

Scala Opa Reia Elixir Dart Akka Erlang QuickSort Erlang Ping-Pong Erlang Users CouchDB RabbitMQ -Stateful Reactive Concurrent SPAs with SignalR and AkkaNET -Improving Message Throughput in AkkaNET -Concurrent WPF Applications with AkkaNET Agenda 1 Erlang 2 Akka 3 Actor Model 4 AkkaNET Thank you! Manuel Meyer