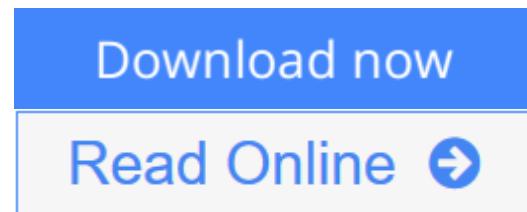


Learning Reactive Programming With Java 8

By Nickolay Tsvetinov



Learning Reactive Programming With Java 8 By Nickolay Tsvetinov

Learn how to use RxJava and its reactive Observables to build fast, concurrent, and powerful applications through detailed examples

About This Book

- Learn about Java 8's lambdas and what reactive programming is all about, and how these aspects are utilized by RxJava
- Build fast and concurrent applications with ease, without the complexity of Java's concurrent API and shared states
- Explore a wide variety of code examples to easily get used to all the features and tools provided by RxJava

Who This Book Is For

If you are a Java developer that knows how to write software and would like to learn how to apply your existing skills to reactive programming, this book is for you.

What You Will Learn

- Discover what reactive programming is and how you can benefit from it
- Get to grips with the new functional features of Java 8 and some functional theory
- Create RxJava Observable instances from virtually any data source
- Transform, filter, and accumulate your data using various RxJava operators
- Combine multiple data sources in one dataset, using custom logic
- Write concurrent programs with ease, scheduling actions on various workers
- Learn about unit testing asynchronous RxJava logic
- Extend RxJava by writing your own operators and factory methods

In Detail

Whether you are a Java expert or at a beginner level, you'll benefit from this book, because it will teach you a brand new way of coding and thinking.

The book starts with an explanation of what reactive programming is, why it is so appealing, and how we can integrate it in to Java. It continues by introducing the new Java 8 syntax features, such as lambdas and function references, and some functional programming basics. From this point on, the book focuses on RxJava in depth. It goes through creating Observables, transforming, filtering, and combining them, and concurrency and testing to finish with extending the library itself.

This book is a definite tutorial in RxJava filled with a lot of well-described examples. It explains reactive programming concepts in plain and readable language, without scientific formulas and terms.



[Download Learning Reactive Programming With Java 8 ...pdf](#)



[Read Online Learning Reactive Programming With Java 8 ...pdf](#)

Learning Reactive Programming With Java 8

By *Nickolay Tsvetinov*

Learning Reactive Programming With Java 8 By Nickolay Tsvetinov

Learn how to use RxJava and its reactive Observables to build fast, concurrent, and powerful applications through detailed examples

About This Book

- Learn about Java 8's lambdas and what reactive programming is all about, and how these aspects are utilized by RxJava
- Build fast and concurrent applications with ease, without the complexity of Java's concurrent API and shared states
- Explore a wide variety of code examples to easily get used to all the features and tools provided by RxJava

Who This Book Is For

If you are a Java developer that knows how to write software and would like to learn how to apply your existing skills to reactive programming, this book is for you.

What You Will Learn

- Discover what reactive programming is and how you can benefit from it
- Get to grips with the new functional features of Java 8 and some functional theory
- Create RxJava Observable instances from virtually any data source
- Transform, filter, and accumulate your data using various RxJava operators
- Combine multiple data sources in one dataset, using custom logic
- Write concurrent programs with ease, scheduling actions on various workers
- Learn about unit testing asynchronous RxJava logic
- Extend RxJava by writing your own operators and factory methods

In Detail

Whether you are a Java expert or at a beginner level, you'll benefit from this book, because it will teach you a brand new way of coding and thinking.

The book starts with an explanation of what reactive programming is, why it is so appealing, and how we can integrate it in to Java. It continues by introducing the new Java 8 syntax features, such as lambdas and function references, and some functional programming basics. From this point on, the book focuses on RxJava in depth. It goes through creating Observables, transforming, filtering, and combining them, and concurrency and testing to finish with extending the library itself.

This book is a definite tutorial in RxJava filled with a lot of well-described examples. It explains reactive programming concepts in plain and readable language, without scientific formulas and terms.

Learning Reactive Programming With Java 8 By Nickolay Tsvetinov Bibliography

- Sales Rank: #1287201 in Books
- Published on: 2015-06-30
- Released on: 2015-06-24
- Original language: English
- Number of items: 1
- Dimensions: 9.25" h x .41" w x 7.50" l, .71 pounds
- Binding: Paperback
- 177 pages



[Download Learning Reactive Programming With Java 8 ...pdf](#)



[Read Online Learning Reactive Programming With Java 8 ...pdf](#)

Editorial Review

About the Author

Nickolay Tsvetinov

Nickolay Tsvetinov is a professional all-round web developer at TransportAPI?Britain's first comprehensive open platform for transport solutions. During his career as a software developer, he experienced both good and bad and played with most of the popular programming languages?from C and Java to Ruby and JavaScript. For the last 3-4 years, he's been creating and maintaining single-page applications (SPA) and the backend API architectures that serve them. He is a fan of open source software, Rails, Vim, Sinatra, Ember.js, Node.js, and Nintendo. He was an unsuccessful musician and poet, but he is a successful husband and father. His area of interest and expertise includes the declarative/functional and reactive programming that resulted in the creation of ProAct.js (<http://proactjs.com>), which is a library that augments the JavaScript language and turns it into a reactive language.

Users Review

From reader reviews:

Bessie Morris:

The book Learning Reactive Programming With Java 8 make one feel enjoy for your spare time. You need to use to make your capable more increase. Book can to get your best friend when you getting tension or having big problem with the subject. If you can make studying a book Learning Reactive Programming With Java 8 to be your habit, you can get much more advantages, like add your current capable, increase your knowledge about many or all subjects. You could know everything if you like open and read a publication Learning Reactive Programming With Java 8. Kinds of book are a lot of. It means that, science e-book or encyclopedia or some others. So , how do you think about this reserve?

Jodi Saldana:

Nowadays reading books be than want or need but also turn into a life style. This reading behavior give you lot of advantages. The huge benefits you got of course the knowledge the particular information inside the book in which improve your knowledge and information. The info you get based on what kind of reserve you read, if you want get more knowledge just go with education and learning books but if you want feel happy read one using theme for entertaining including comic or novel. The actual Learning Reactive Programming With Java 8 is kind of reserve which is giving the reader capricious experience.

Julie Nealy:

Exactly why? Because this Learning Reactive Programming With Java 8 is an unordinary book that the inside of the book waiting for you to snap this but latter it will jolt you with the secret the item inside. Reading this book beside it was fantastic author who have write the book in such amazing way makes the

content on the inside easier to understand, entertaining approach but still convey the meaning fully. So , it is good for you because of not hesitating having this anymore or you going to regret it. This unique book will give you a lot of positive aspects than the other book include such as help improving your skill and your critical thinking approach. So , still want to hold off having that book? If I had been you I will go to the e-book store hurriedly.

Leonard Jones:

E-book is one of source of expertise. We can add our knowledge from it. Not only for students but native or citizen require book to know the change information of year to be able to year. As we know those guides have many advantages. Beside most of us add our knowledge, also can bring us to around the world. Through the book Learning Reactive Programming With Java 8 we can consider more advantage. Don't you to be creative people? Being creative person must like to read a book. Just simply choose the best book that suited with your aim. Don't become doubt to change your life with that book Learning Reactive Programming With Java 8. You can more pleasing than now.

Download and Read Online Learning Reactive Programming With Java 8 By Nickolay Tsvetinov #CNF6UO9P57A

Read Learning Reactive Programming With Java 8 By Nickolay Tsvetinov for online ebook

Learning Reactive Programming With Java 8 By Nickolay Tsvetinov 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 Learning Reactive Programming With Java 8 By Nickolay Tsvetinov books to read online.

Online Learning Reactive Programming With Java 8 By Nickolay Tsvetinov ebook PDF download

Learning Reactive Programming With Java 8 By Nickolay Tsvetinov Doc

Learning Reactive Programming With Java 8 By Nickolay Tsvetinov Mobipocket

Learning Reactive Programming With Java 8 By Nickolay Tsvetinov EPub

CNF6UO9P57A: Learning Reactive Programming With Java 8 By Nickolay Tsvetinov