



Reactive Programming with RxJS: Untangle Your Asynchronous JavaScript Code

By Sergi Mansilla



Download



Read Online



Get Print Book

Reactive Programming with RxJS: Untangle Your Asynchronous JavaScript Code By Sergi Mansilla

Reactive programming is revolutionary. It makes asynchronous programming cleaner, intuitive, and robust. Discover how to use the RxJS library to write programs in a simpler way, unifying asynchronous mechanisms such as callbacks and promises into a single, powerful construct. Learn to think about your programs as streams of data that you can transform by expressing *what* should happen, instead of having to painstakingly program *how* it should happen. You'll be able to handle real-world concurrency and write complex flows of events in your applications with ease.

Create highly concurrent applications while writing simpler code using the Reactive Extensions for JavaScript (RxJS), a set of libraries for event composition. Programming real-world applications in JavaScript involves lots of asynchronous events--you might end up spending more time coordinating asynchronous code in your program than writing its actual functionality. This book introduces concepts and tools from reactive programming that will help you write cleaner and more robust asynchronous programs.

Find out about Observable sequences, a unifying data type to write highly concurrent code. Discover Schedulers and change the concept of time in your applications, making asynchronous testing sane again. Along the way you'll see real-world examples for the browser and Node.js, including a real-time earthquake visualization in 20 lines of code and a frantic shoot-'em-up space videogame. You'll also use Cycle.js - a modern, fully reactive web framework - to make a whole new breed of web applications.

By the end of the book, you'll know how to apply reactive programming to solve complex problems, build efficient programs with reactive user interfaces, and write your code more declaratively.

What You Need:

A modern web browser, Node.JS installed in your computer, and the RxJS JavaScript library.

 [**Download** Reactive Programming with RxJS: Untangle Your Asyn
...pdf](#)

 [**Read Online** Reactive Programming with RxJS: Untangle Your As
...pdf](#)

Reactive Programming with RxJS: Untangle Your Asynchronous JavaScript Code

By Sergi Mansilla

Reactive Programming with RxJS: Untangle Your Asynchronous JavaScript Code By Sergi Mansilla

Reactive programming is revolutionary. It makes asynchronous programming cleaner, intuitive, and robust. Discover how to use the RxJS library to write programs in a simpler way, unifying asynchronous mechanisms such as callbacks and promises into a single, powerful construct. Learn to think about your programs as streams of data that you can transform by expressing *what* should happen, instead of having to painstakingly program *how* it should happen. You'll be able to handle real-world concurrency and write complex flows of events in your applications with ease.

Create highly concurrent applications while writing simpler code using the Reactive Extensions for JavaScript (RxJS), a set of libraries for event composition. Programming real-world applications in JavaScript involves lots of asynchronous events--you might end up spending more time coordinating asynchronous code in your program than writing its actual functionality. This book introduces concepts and tools from reactive programming that will help you write cleaner and more robust asynchronous programs.

Find out about Observable sequences, a unifying data type to write highly concurrent code. Discover Schedulers and change the concept of time in your applications, making asynchronous testing sane again. Along the way you'll see real-world examples for the browser and Node.js, including a real-time earthquake visualization in 20 lines of code and a frantic shoot-'em-up space videogame. You'll also use Cycle.js - a modern, fully reactive web framework - to make a whole new breed of web applications.

By the end of the book, you'll know how to apply reactive programming to solve complex problems, build efficient programs with reactive user interfaces, and write your code more declaratively.

What You Need:

A modern web browser, Node.JS installed in your computer, and the RxJS JavaScript library.

Reactive Programming with RxJS: Untangle Your Asynchronous JavaScript Code By Sergi Mansilla
Bibliography

- Sales Rank: #812476 in Books
- Brand: imusti
- Published on: 2015-12-19
- Original language: English
- Number of items: 1
- Dimensions: 9.25" h x .31" w x 7.52" l, .0 pounds
- Binding: Paperback
- 144 pages

 [**Download** Reactive Programming with RxJS: Untangle Your Asyn ...pdf](#)

 [**Read Online** Reactive Programming with RxJS: Untangle Your As ...pdf](#)

Download and Read Free Online Reactive Programming with RxJS: Untangle Your Asynchronous JavaScript Code By Sergi Mansilla

Editorial Review

Review

"Every significant shift in software development demands rethinking our approaches. Real-time and asynchronous web applications pose a huge challenge in web development today. This book does an excellent job explaining how RxJS addresses those challenges and teaches you how to rethink your world in terms of Observables." -*Zef Hemel, VP Engineering STX Next*

"This book is as hot as reactive programming itself! With great writing, clear explanations, and practical examples, this is a fantastic resource for learning RxJS." -*Fred Daoud, Software Development contractor*

About the Author

Sergi Mansilla is a professional developer with more than 15 years of experience who believes that software can change the world for the better. He's an expert on Node.js and mobile development, and he's currently working on Firefox OS, a new mobile Operating System based on the web. Sergi speaks at conferences all around the world, and lives in Amsterdam with his lovely wife.

Users Review

From reader reviews:

Frances Lawler:

The knowledge that you get from Reactive Programming with RxJS: Untangle Your Asynchronous JavaScript Code is a more deep you searching the information that hide inside the words the more you get interested in reading it. It doesn't mean that this book is hard to recognise but Reactive Programming with RxJS: Untangle Your Asynchronous JavaScript Code giving you buzz feeling of reading. The article writer conveys their point in particular way that can be understood simply by anyone who read the item because the author of this e-book is well-known enough. That book also makes your current vocabulary increase well. So it is easy to understand then can go with you, both in printed or e-book style are available. We recommend you for having this particular Reactive Programming with RxJS: Untangle Your Asynchronous JavaScript Code instantly.

Julie Kappel:

This Reactive Programming with RxJS: Untangle Your Asynchronous JavaScript Code is completely new way for you who has fascination to look for some information mainly because it relief your hunger info. Getting deeper you on it getting knowledge more you know or you who still having little bit of digest in reading this Reactive Programming with RxJS: Untangle Your Asynchronous JavaScript Code can be the light food for you personally because the information inside this book is easy to get by anyone. These books produce itself in the form which is reachable by anyone, sure I mean in the e-book application form. People who think that in guide form make them feel sleepy even dizzy this e-book is the answer. So you cannot find any in reading a publication especially this one. You can find what you are looking for. It should be here for

anyone. So , don't miss this! Just read this e-book style for your better life in addition to knowledge.

Linda Cooper:

In this particular era which is the greater individual or who has ability in doing something more are more precious than other. Do you want to become considered one of it? It is just simple solution to have that. What you must do is just spending your time not much but quite enough to get a look at some books. One of many books in the top list in your reading list is definitely Reactive Programming with RxJS: Untangle Your Asynchronous JavaScript Code. This book that is certainly qualified as The Hungry Hillside can get you closer in growing to be precious person. By looking right up and review this publication you can get many advantages.

Nathaniel Mathis:

As we know that book is important thing to add our understanding for everything. By a book we can know everything we really wish for. A book is a pair of written, printed, illustrated or maybe blank sheet. Every year had been exactly added. This reserve Reactive Programming with RxJS: Untangle Your Asynchronous JavaScript Code was filled about science. Spend your extra time to add your knowledge about your scientific disciplines competence. Some people has different feel when they reading a new book. If you know how big advantage of a book, you can truly feel enjoy to read a book. In the modern era like today, many ways to get book that you just wanted.

**Download and Read Online Reactive Programming with RxJS:
Untangle Your Asynchronous JavaScript Code By Sergi Mansilla
#4IGEM62YPUW**

Read Reactive Programming with RxJS: Untangle Your Asynchronous JavaScript Code By Sergi Mansilla for online ebook

Reactive Programming with RxJS: Untangle Your Asynchronous JavaScript Code By Sergi Mansilla 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 Reactive Programming with RxJS: Untangle Your Asynchronous JavaScript Code By Sergi Mansilla books to read online.

Online Reactive Programming with RxJS: Untangle Your Asynchronous JavaScript Code By Sergi Mansilla ebook PDF download

Reactive Programming with RxJS: Untangle Your Asynchronous JavaScript Code By Sergi Mansilla Doc

Reactive Programming with RxJS: Untangle Your Asynchronous JavaScript Code By Sergi Mansilla Mobipocket

Reactive Programming with RxJS: Untangle Your Asynchronous JavaScript Code By Sergi Mansilla EPub