



Building Single-page Web Apps with Meteor

By Fabian Vogelsteller

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Building Single-page Web Apps with Meteor By Fabian Vogelsteller

Build real-time apps at lightning speed using the most powerful full-stack JavaScript framework

About This Book

- Create a complete web blog from frontend to backend that uses only JavaScript
- Understand how Web 2.0 is made by powerful browser-based applications
- Step-by-step tutorial that will show you how fast, complex web applications can be built

Who This Book Is For

If you are a web developer with basic knowledge of JavaScript and want to take on Web 2.0, build real-time applications, or simply want to write a complete application using only JavaScript and HTML/CSS, this is the book for you.

This book is based on Meteor 1.0.

What You Will Learn

- Create reactive templates that update themselves when data changes
- Use database queries on the client and the server to retrieve, sort, and manipulate datasets
- Understand data synchronization using a publication/subscription model and make API calls a thing of the past
- Discover how you can secure your data flow on the server side to keep confidential data secret
- Add routing to a single-page application and make it appear like a real website
- Build your own advanced reactive objects and make everything rerun when you want
- Make your own Meteor packages and learn how to make them public
- Unit test your packages and Meteor applications

In Detail

Meteor is the best JavaScript platform on the Web that allows you to build real-time web applications quickly and easily and in pure JavaScript. It comes with a full build process that takes care of everything, from development to production, with no need for configuration. This book takes you from the installation of Meteor to building a fully working web blog (including backend) to create and edit posts.

You will start with the basic concepts and folder structure of a Meteor project, learning how Meteor templates work. Learn how to retrieve and send data to the server and manipulate the database content. Routing will later make your example app look and behave like a real website. Next, you'll get to grips with Meteor's reactivity concept that can rerun functions when data changes while you're building your own reactive object, and package it later for drop-in use. After your app is ready, the book continues with ways of deploying your app on different types of servers. Finally, we will take a look at testing packages and the application itself.

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Editorial Review

About the Author

Fabian Vogelsteller

Fabian Vogelsteller became interested in web technologies at the age of 14. He developed a skill set ranging from graphic design to coding PHP to Python, ActionScript, Objective C, HTML, and CSS, and fell in love with JavaScript. He has worked as a freelance web developer for over 14 years and is the creator of the open source feindura Flat File CMS. Fabian is a strong advocate of open source software and has built and contributed to many open source libraries and projects. In recent years, Meteor has become his passion and is his primary tool of choice. He currently works for start-ups in Berlin, extending his skills to web development for larger applications.

Users Review

From reader reviews:

Glenn Hancock:

Reading a e-book tends to be new life style within this era globalization. With examining you can get a lot of information which will give you benefit in your life. Having book everyone in this world can certainly share their idea. Guides can also inspire a lot of people. A great deal of author can inspire their reader with their story or perhaps their experience. Not only the storyline that share in the books. But also they write about the ability about something that you need illustration. How to get the good score toefl, or how to teach your kids, there are many kinds of book which exist now. The authors on earth always try to improve their skill in writing, they also doing some exploration before they write with their book. One of them is this Building Single-page Web Apps with Meteor.

Jon Harrill:

A lot of people always spent their very own free time to vacation as well as go to the outside with them family members or their friend. Are you aware? Many a lot of people spent they will free time just watching TV, or maybe playing video games all day long. If you need to try to find a new activity that is look different you can read a new book. It is really fun in your case. If you enjoy the book which you read you can spent all day long to reading a publication. The book Building Single-page Web Apps with Meteor it is extremely good to read. There are a lot of people that recommended this book. They were enjoying reading this book. When you did not have enough space to develop this book you can buy typically the e-book. You can m0ore easily to read this book from your smart phone. The price is not too costly but this book offers high quality.

Sharon Lopez:

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Barbara Simon:

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