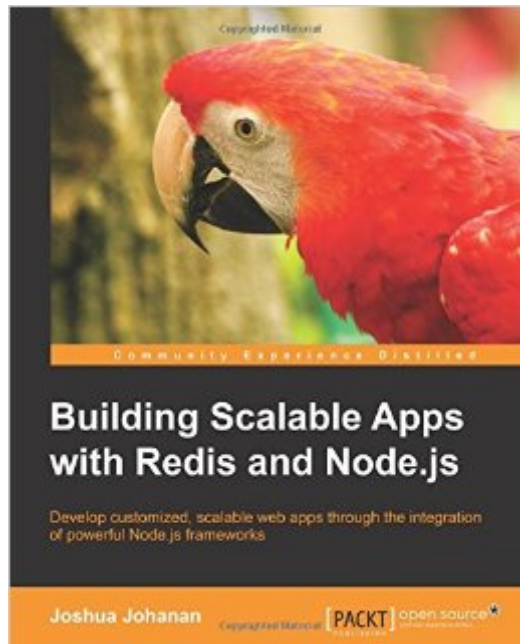# Building Scalable Apps With Redis And Node.js

Synopsis

Develop customized, scalable web apps through the integration of powerful Node.js frameworksAbout This BookDesign a simple application and turn it into the next InstagramIntegrate utilities such as Redis, Socket.io, and Backbone to create Node.js web applicationsLearn to develop a complete web application right from the frontend to the backend in a streamlined mannerWho This Book Is ForIf the phrase scalability sounds alien to you, then this is an ideal book for you. You will not need much Node.js experience as each framework is demonstrated in a way that requires no previous knowledge of the framework. You will be building scalable Node.js applications in no time! Knowledge of JavaScript is required.What You Will Learn Build and implement your custom middleware for Express Integrate Socket.IO with Express and use the same authentication Create a secure local store for passwords Use message queues to break down your application into manageable pieces Leverage the power of Redis to create a shared state across many different servers Implement Backbone, Socket.IO, and React together for a fast, dynamic, and real-time frontend Automate your build process with the use of the Grunt.js task runner Build deployment scripts to get servers running your application in the cloud In DetailNode.js is a JavaScript runtime-based, scalable platform used to develop web applications and network programs on the server side. It allows web designers to access the backend of their projects while also allowing developers, who are willing to learn JavaScript, a chance to design. There are many frameworks that have popped up in recent years, but what makes Node.js unique is that it opens up a whole new frontier for web development and takes a hybrid approach.This book will help you get to grips with Node.js and implement the knowledge to build efficient web applications. You start with developing a backend web application followed by a frontend interface, and later on deploy it to the cloud platform. This book takes a holistic approach to server-side programming using Node.js in conjunction with different frameworks and tools.

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Customer Reviews

Two chapters in and I am dealing with deprecated code and problems getting Redis to work with Socket.IO. I was looking for a book that was a good, comprehensive guide to getting the two to work together. This is close, but it has some glaring problems.The first mistake is that the author built the Express template by hand. You can easily generate an Express template from the command line. Second problem, he tried to include deprecated modules such as Connect. Third problem, the author made the code needlessly complicated from the beginning instead of building the chat application and gradually re-factoring and building custom modules. When building something, I am of the opinion that you start small and expand instead of starting big and expecting everything will work. Fourth, some of the code has simple syntax errors. Finally, I can't get Redis to run with the code the author supplied. With points 2, 4 and 5 I had to go out of my way to find a solution which actually worked. And as kind of a extra negative, the author uses JQuery instead of a more modern client-side structural framework such as Angular.JS.Yet another book where the author clearly knows how to code but doesn't know how to write a good book to teach coding. To be fair, a lot of it may have to do with the editor not doing their job and checking the code. There is some good stuff in here for sure, but be ready to deal with a lot of needless headaches.

This book is like a bible for a NodeJS developer at any level of knowledge from beginner to advanced. It covers all the most important and recent topics and state-of the art frameworks and tools in the field of NodeJS. Eventually it's really useful and gives a clear the part about cloud deploying and scalability and realted tools like Ansible and HAProxy.

Node.js, Redis is the powerful formula. DonÃ¢Â™t be confused nor intimidated by so many XYZ.js offerings, Node.js is standing well out of the crowd. Why this book is one of the many examples, how? Read it. I jump forward and say it is a 5 star, rare gem I do not see often nowadays. And this book does not cover just Node.js and Redis. This book touches so many other

not less important components you actually should be able to build your entire enterprise right after you are done with reading this book and implementing what Joshua covered. An awesome, wonderful masterpiece!More on the book specifics:The ebook version that I reviewed has 316 pages (in my built-in PDF Viewer of Ubuntu), 10 chapters, no appendix.Like I said, apart from Node.js and Redis, the following technologies are covered:- RabbitMQ- Grunt- Socket.IO- How to use Developer Tools to troubleshoot your application- How to debug both in Node.js and the client side JavaScript- Backbone.js- Istanbul- AnsibleI am sure I missed an item or two. Impressed already? I was.The reader using either major OS is covered. Some Python was interfaced, but you must feel at home regardless of your level of familiarity with it.You get your application pretty much ready to be deployed and even scale out and up in Chapter 9. You learn to cope with issues in the last chapter, but before you deploy the app, JavaScript best practices get covered.I hope you pick a copy of the book and enjoy, best build the app or even your own future multimillion ready to go IPO cool app.Again, 5 out of 5 stars/badges of honour!

Many topics and technologies are well explainedIt provides both the development and the code to test the progress.Something should be said about ORMs and relational alternatives to store the data.

Of all the dozens of tech books on Node I've purchased, this is the only one that's done it right.This book literally shows you how to build 'secure' and 'scalable' full-stack JavaScript software. You can easily alter the example code to get a custom solution you need. It's crazy to finally have a book that's got my back.Joshua Johanan: Thanks for writing this masterpiece!

3 stars? Because it has a good foundation. It describes the concepts clearly such as Pub/Sub and provides a few chapters on optimization and debugging tools and an intro to testing which other Node books tend to leave out. The code needs some work and in some cases is a barrier to actually understanding the chapter. There are a number of errors in the code, snippets that appear with no explanation, or npm packages which are no longer in use. In a few cases I had to head over to SO to find solutions to issues related to the book's code.

I don't say it often about technical books, but I enjoyed reading this. Each chapter contains a lot of information about its respective topic, and there's little or no added fluff.Tangentially, one of the great things about Express.js (and much of the Node.js ecosystem) is that it moves and develops so

quickly. This is a blessing and a curse. You'll find the 'net littered with ten thousand howtos and Stack Overflow threads on Express/Node/et al. that are deprecated and borderline useless.That said: I personally found most of this book, as of the date of my review, to be relevant and helpful. In my case, I learned three useful things that I apparently glossed over in my self teaching - writing arbitrary Express middleware, handling HTTP and application errors _properly_, and the pleasant familiarity of EJS (as opposed to Jade, which annoys me). Apart from the Express domain, I took away a couple of tips on testing code, along with some handy JavaScript libraries.

Great book!

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