



Node.js High Performance

Diogo Resende

Download now

[Click here](#) if your download doesn't start automatically

Node.js High Performance

Diogo Resende

Node.js High Performance Diogo Resende

Take your application to the next level of high performance using the extensive capabilities of Node.js

About This Book

- Analyze, benchmark, and profile your Node.js application to find slow spots, and push it to the limit by eliminating performance bottlenecks
- Learn the basis of performance analysis using Node.js
- Explore the high performance capabilities of Node.js, along with best practices

In Detail

Node.js is a tool written in C, which allows you to use JavaScript on the server-side. High performance on a platform like Node.js is knowing how to take advantage of every aspect of your hardware, helping memory management act at its best, and correctly deciding how to architect a complex application. Do not panic if your applications start consuming a lot of memory; instead spot the leak and solve it fast with Node.js by monitoring and stopping it before it becomes an issue.

This book will provide you with the skills you need to analyze the performance of your application and monitor the aspects that can and should be. Starting with performance analysis concepts and their importance in helping Node.js developers eliminate performance bottlenecks, this book will take you through development patterns to avoid performance penalties. You will learn the importance of garbage collection and its behaviour, and discover how to profile your processor, allowing better performance and scalability.

You will then learn about the different types of data storage methods. Moving on, you will get to grips with testing and benchmarking applications to avoid unknown application test zones. Lastly, you will explore the limits that external components can impose in your application in the form of bottlenecks.

By following the examples in each chapter, you will discover tips to getting better performing applications by avoiding anti-patterns and stretching the limits of your environment as much as possible.

What You Will Learn

- Develop applications using well-defined and well-tested development patterns
- Explore memory management and garbage collection to improve performance
- Monitor memory changes and analyze heap snapshots
- Profile the CPU and improve your code to avoid patterns that force intensive processor usage
- Understand the importance of data and when you should cache information.
- Learn to to always test your code and benchmark when needed
- Extend your application's scope and know what other elements can influence performance

Who This Book Is For

This book is for Node.js developers who want a more in-depth knowledge of the platform to improve the performance of their applications. Whether you have a base Node.js background or you are an expert who knows the garbage collector and wants to leverage it to make applications more robust, the examples in this book will benefit you.

Style and approach

This is a practical guide to learning high performance, which even the least experienced developer will comprehend. Small and simple examples help you test concepts yourself and easily adapt them to any application, boosting its performance and preparing it for the real-world.

 [Download Node.js High Performance ...pdf](#)

 [Read Online Node.js High Performance ...pdf](#)

Download and Read Free Online Node.js High Performance Diogo Resende

From reader reviews:

Kimberly Rubio:

Book is to be different for every grade. Book for children until finally adult are different content. To be sure that book is very important for people. The book Node.js High Performance had been making you to know about other knowledge and of course you can take more information. It doesn't matter what advantages for you. The reserve Node.js High Performance is not only giving you much more new information but also being your friend when you feel bored. You can spend your own spend time to read your reserve. Try to make relationship together with the book Node.js High Performance. You never really feel lose out for everything in the event you read some books.

Phyllis Belser:

Reading a book tends to be new life style in this particular era globalization. With looking at you can get a lot of information that may give you benefit in your life. Along with book everyone in this world could share their idea. Ebooks can also inspire a lot of people. A lot of author can inspire all their reader with their story as well as their experience. Not only situation that share in the ebooks. But also they write about the ability about something that you need instance. How to get the good score toefl, or how to teach children, there are many kinds of book that exist now. The authors in this world always try to improve their skill in writing, they also doing some study before they write on their book. One of them is this Node.js High Performance.

Carla McFarlin:

Why? Because this Node.js High Performance is an unordinary book that the inside of the book waiting for you to snap that but latter it will jolt you with the secret that inside. Reading this book adjacent to it was fantastic author who write the book in such remarkable way makes the content within easier to understand, entertaining means but still convey the meaning fully. So , it is good for you for not hesitating having this any longer or you going to regret it. This excellent book will give you a lot of benefits than the other book include such as help improving your talent and your critical thinking technique. So , still want to hesitate having that book? If I have been you I will go to the book store hurriedly.

Jodie Kahl:

What is your hobby? Have you heard that question when you got students? We believe that that problem was given by teacher to the students. Many kinds of hobby, Everybody has different hobby. And you know that little person just like reading or as examining become their hobby. You need to know that reading is very important as well as book as to be the issue. Book is important thing to include you knowledge, except your personal teacher or lecturer. You see good news or update in relation to something by book. A substantial number of sorts of books that can you choose to adopt be your object. One of them is actually Node.js High Performance.

**Download and Read Online Node.js High Performance Diogo
Resende #4A3L1TEYDVF**

Read Node.js High Performance by Diogo Resende for online ebook

Node.js High Performance by Diogo Resende 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 Node.js High Performance by Diogo Resende books to read online.

Online Node.js High Performance by Diogo Resende ebook PDF download

Node.js High Performance by Diogo Resende Doc

Node.js High Performance by Diogo Resende Mobipocket

Node.js High Performance by Diogo Resende EPub