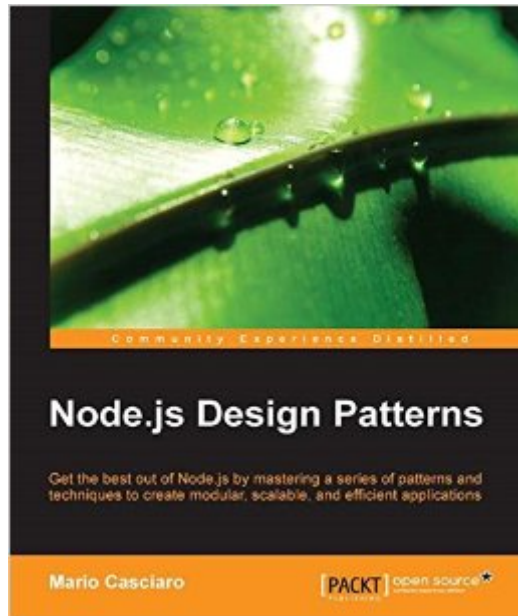# The book was found

# Node.js Design Patterns

## Synopsis

Get the best out of Node.js by mastering a series of patterns and techniques to create modular, scalable, and efficient applicationsAbout This BookDive into the core patterns and components of Node.js in order to master your application's designLearn tricks, techniques, and best practices to solve common design and coding challengesTake a code-centric approach to using Node.js without frictionWho This Book Is ForIf you're a JavaScript developer interested in a deeper understanding of how to create and design Node.js applications, this is the book for you.What You Will LearnDesign and implement a series of server-side JavaScript patterns so you understand why and when to apply them in different use case scenariosUnderstand the fundamental Node.js components and use them to their full potentialUntangle your modules by organizing and connecting them coherentlyReuse well-known solutions to circumvent common design and coding issuesDeal with asynchronous code with comfort and easeIdentify and prevent common problems, programming errors, and anti-patternsIn DetailNode.js is a massively popular software platform that lets you use JavaScript to easily create scalable server-side applications. It allows you to create efficient code, enabling a more sustainable way of writing software made of only one language across the full stack, along with extreme levels of reusability, pragmatism, simplicity, and collaboration. Node.js is revolutionizing the web and the way people and companies create their software.In this book, we will take you on a journey across various ideas and components, and the challenges you would commonly encounter while designing and developing software using the Node.js platform. You will also discover the "Node.js way" of dealing with design and coding decisions.The book kicks off by exploring the fundamental principles and components that define the platform. It then shows you how to master asynchronous programming and how to design elegant and reusable components using well-known patterns and techniques. The book rounds off by teaching you the various approaches to scale, distribute, and integrate your Node.js application.

## Book Information

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## Customer Reviews

Node.js Design Patterns has really helped me deepen my understanding of Node.js development. I especially appreciate that the author makes a practice of not only explaining what to do, but also why (or in what circumstance) to do it. This helps the reader understand best practices, as well as equips the reader to make more informed development decisions when selecting among several possible approaches.The examples presented in the book are great analogues to real-world problems, and often several approaches are demonstrated against the same application. This helps in seeing the strengths and weaknesses in different patterns. One example of this is the second chapter, in which multiple different strategies are employed for "taming" the asynchronous nature of Node. These different strategies are used to modify a web spider application, with a few varying constraints. I appreciated the balanced examination of different strategies in this chapter, rather than the author merely advocating one. This approach has allowed me to gain a wider perspective on approaching development with Node.The book looks at a number of different concepts and features of Node, several of which I've been meaning to dive into. In particular, some ES6 functionality (such as promises and generators) is examined, which is interesting and helpful.This is a fairly dense book. I found it helpful for myself to actually engage with the code samples, writing them out and experimenting with them. This is a real benefit of the book as well, as there is a generous selection of quality code samples, which allow the reader to get hands-on experience with the concepts.All in all, I would recommend this book to anyone who is designing and writing applications in Node.js.

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