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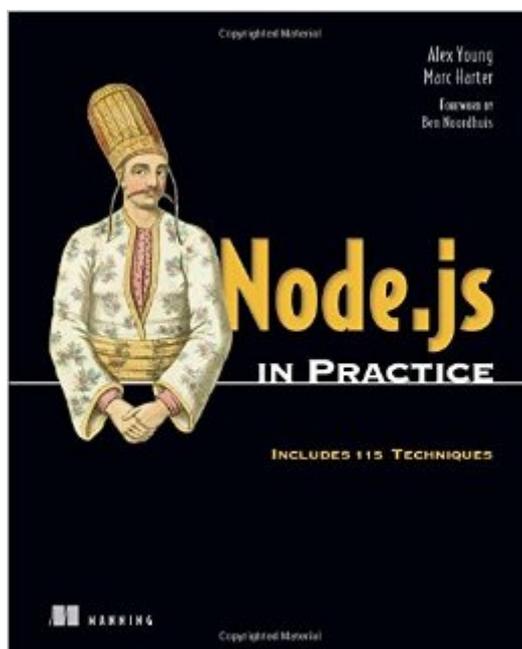
Node.js In Practice

Synopsis

Summary Node.js in Practice is a collection of fully tested examples that offer solutions to the common and not-so-common issues you face when you roll out Node. You'll dig into important topics like the ins and outs of event-based programming, how and why to use closures, how to structure applications to take advantage of end-to-end JavaScript apps, and more.Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.About the BookYou've decided to use Node.js for your next project and you need the skills to implement Node in production. It would be great to have Node experts Alex Young and Marc Harter at your side to help you tackle those day-to-day challenges. With this book, you can!Node.js in Practice is a collection of 115 thoroughly tested examples and instantly useful techniques guaranteed to make any Node application go more smoothly. Following a common-sense Problem/Solution format, these experience-fueled techniques cover important topics like event-based programming, streams, integrating external applications, and deployment. The abundantly annotated code makes the examples easy to follow, and techniques are organized into logical clusters, so it's a snap to find what you're looking for.Written for readers who have a practical knowledge of JavaScript and the basics of Node.js.What's InsideCommon usage examples, from basic to advancedDesigning and writing modulesTesting and debugging Node appsIntegrating Node into existing systemsAbout the AuthorsAlex Young is a seasoned JavaScript developer who blogs regularly at DailyJS. Marc Harter works daily on large-scale projects including high-availability real-time applications, streaming interfaces, and other data-intensive systems.Table of ContentsPART 1 NODE FUNDAMENTALS Getting started Globals: Node's environment Buffers: Working with bits, bytes, and encodings Events: Mastering EventEmitter and beyond Streams: Node's most powerful and misunderstood feature File system: Synchronous and asynchronous approaches Networking: Node's true "Hello, World" Child processes: Integrating external applications with Node PART 2 REAL-WORLD RECIPES The Web: Build leaner and meaner web applications Tests: The key to confident code Debugging: Designing for introspection and resolving issues Node in production: Deploying applications safelyPART 3 WRITING MODULESWriting modules: Mastering what Node is all about

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Customer Reviews

I have had a long-term, love-ignore relationship with Node.js. I have taken Node classes, read Node books, and tinkered with Node programming both on Windows and Linux machines. Sometimes I have loved working with Node.js. Other times, I have ignored it for months at a stretch while I rush around trying out other choices and development distractions.Node.js in Practice is aimed at intermediate Node.js programmers and even advanced Node.js programmers. There is some awareness that beginners also may be reading this book. So the authors start by explaining Node from the standpoint of "what it is, how it works, and why it's something you can't live without." Then they quickly recommend that Node newcomers should put this book aside for now and read another good, but more basic, how-to book first: Node.js in Action.In Node.js in Practice, the learning curve can start getting steep fairly quickly, especially for those of us who have worked somewhat superficially with Node in web projects that also involve other software (such as the MEAN stack: MongoDB, Express and AngularJS, plus Node). Fortunately, the authors, Alex Young and Marc Harter, take a very focused, three-part approach that keeps Node.js centered in the spotlight and promotes deeper understanding.Part One focuses on "Node's core fundamentals" and "what's possible using only Node's core modules (no third-party modules)." Part Two moves into "real-world development recipes" and shows how to "master four highly applicable skills--testing, web development, debugging, and running Node in production." Some third-party modules also are introduced.

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