
Node Js In Action

A Practitioner's Approach to produce Scalable, High-performant, and Flexible Web Components (English Edition)

Maintainable JavaScript

Learn the fundamentals of Node.js, and deploy and test Node.js applications on the web

Data Wrangling with JavaScript

Sails.js in Action

Distributed Systems with Node.js

Leveraging the JavaScript Stack

Hacking hardware for web developers

Node.js in Practice

How To Code in Node.js

Node.js for .NET Developers

Node.js 8 the Right Way

Electron in Action

Serverless Applications with Node.js

Building Scalable Apps with Redis and Node.js

Professional Node.js

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Meteor in Action

Node.js Design Patterns

Node.js Web Development

Data visualization with JavaScript

Design and implement production-grade Node.js applications using proven patterns and techniques, 3rd Edition

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Web Development with Node and Express

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Vue.js in Action
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JavaScript on Things
Beginning Node.js

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RIVERA FORD

**A Practitioner's
Approach to produce
Scalable, High-
performant, and
Flexible Web
Components
(English Edition)**

Manning Publications
If 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.
**Maintainable
JavaScript** Packt

Publishing Ltd
Today's mobile devices have GPS and standard APIs to give you access to coordinates—but what can you do with that data? With this concise book, application developers learn how to work with location data quickly and easily, using Node.js, CouchDB, and other open source tools and libraries. Node.js makes it simple to run event code on the Web, and the CouchDB document-oriented database lets you store location data and perform complex queries on it quickly. You'll learn how to get started with these tools, and then use them together to build an example project called MapChat, using HTML and JavaScript code samples. Learn how to serve dynamic

content with Node.js, and use its asynchronous IO to handle several requests at once. Become familiar with GeoJSON, Geohash, and the Geospatial Data Abstraction Library (GDAL) for working with spatial data. Build geospatial indexes using the GeoCouch branch of CouchDB. Combine these tools to build a project that lets users post real-time chat messages tagged with their current map location. [Learn the fundamentals of Node.js, and deploy and test Node.js applications on the web](#) Packt Publishing Ltd
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 Book You'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 Inside Common usage examples, from basic to advanced
Designing and writing modules
Testing and debugging Node apps
Integrating Node into existing systems
About the Authors
Alex 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.

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Writing modules: Mastering what Node is all about
Data Wrangling with JavaScript
Simon and Schuster
Learn web application development through design thinking and

illustrated use-cases.

KEY FEATURES

- Learn from Node.js community leader to design production-ready applications.
- Numerous examples and use-cases demonstrate how to create web components of your choice.
- Covers best practices on writing error-free and high-performant codes for scaling Node.js apps.

DESCRIPTION 'Building Production-ready Web Apps with Node.js' teaches you how a web application works from the inside out with detailed illustrations of the various components. You should be able to use the knowledge to develop new web applications, enhance existing applications, or re-architect applications to meet

new workload characteristics or deployment scenarios. This book, written by a Node.js community leader, walks you through the various aspects of a web application, beginning with platform selection and ending with production problem determination. It offers unique Node.js features that make it a high-performer in IO workloads. The book then walks you through the components of a web application, such as the front-end, back-end, middleware functions, database, and third-party services. There are several real-world case studies and illustrative examples to help you internalize the knowledge easily. If you read this book, you should be able to apply

what you've learned in your current job situation. This book will provide you with the ability to appreciate and rationalize the design considerations of modern web technologies. **WHAT YOU WILL LEARN** ● Learn how to create web app components from zero. ● Receive expert guidance on optimizing backend components' performance. ● Develop the ability to convert monolithic applications to microservices. ● Utilize cutting-edge techniques to reinvent web components for maximum production strength. **WHO THIS BOOK IS FOR** This book is intended for students, mobile developers, application developers, and architects who want to

create and redesign web applications. Prior experience with JavaScript programming is preferred but not required. **TABLE OF CONTENTS** 1. Getting Started with the Fundamentals 2. Setting up the Environment 3. Introduction to Web Server 4. Our First program: Time of the Day Server 5. Common Networking Interfaces of Node.js 6. Major Web Server Components 7. Interacting with Backend Components 8. Implementing Common Website Features 9. Making our Website Production Grade 10. Best Practices for High Performant Code 11. Debugging Program Anomalies [Sails.js in Action](#)

"O'Reilly Media, Inc."
In just 24 sessions of one hour or less, Sams Teach Yourself Node.js in 24 Hours will help you master the Node.js platform and use it to build server-side applications with extraordinary speed and scalability. Using this text's straightforward, step-by-step approach, you'll move from basic installation, configuration, and programming all the way through real-time messaging between browser and server, testing and deployment. Every lesson and case-study application builds on what you've already learned, giving you a rock-solid foundation for real-world success! Step-by-step instructions carefully walk you through the

most common Node.js development tasks. Quizzes and Exercises at the end of each chapter help you test your knowledge. By the Way notes present valuable additional information related to the discussion. Did You Know? tips offer advice or show you easier ways to perform tasks. Watch Out! cautions alert you to possible problems and give you advice on how to avoid them. Learn how to... · Create end-to-end applications entirely in JavaScript · Master essential Node.js concepts like callbacks and quickly create your first program · Create basic sites with the HTTP module and Express web framework · Manage data persistence with Node.js and MongoDB · Debug and test Node.js

applications · Deploy Node.js applications to thirdparty services, such as Heroku and Nodester · Build powerful real-time solutions, from chat servers to Twitter clients · Create JSON APIs using JavaScript on the server · Use core components of the Node.js API, including processes, child processes, events, buffers, and streams · Create and publish a Node.js module

Distributed Systems with Node.js

Simon and Schuster
Summary JavaScript on Things is your first step into the exciting and downright entertaining world of programming for small electronics. If you know enough JavaScript to hack a website together, you'll be making things go

bleep, blink, and spin faster than you can say "nodebot." Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Are you ready to make things move? If you can build a web app, you can create robots, weather stations, and other funky gadgets! In this incredibly fun, project-based guide, JavaScript hardware hacker Lyza Danger Gardner takes you on an incredible journey from your first flashing LED through atmospheric sensors, motorized rovers, Bluetooth doorbells, and more. With JavaScript, some easy-to-get hardware, and a bit of creativity, you'll be beeping, spinning, and glowing in no time. About the Book

JavaScript on Things introduces the exciting world of programming small electronics! You'll start building things immediately, beginning with basic blinking on Arduino. This fully illustrated, hands-on book surveys JavaScript toolkits like Johnny-Five along with platforms including Raspberry Pi, Tessel, and BeagleBone. As you build project after interesting project, you'll learn to wire in sensors, hook up motors, transmit data, and handle user input. So be warned: once you start, you won't want to stop. What's Inside Controlling hardware with JavaScripti Designing and assembling robots and gadgets A crash course in electronics Over a dozen hands-on projects! About the

Reader Written for readers with intermediate JavaScript and Node.js skills. No experience with electronics required. About the Author Lyza Danger Gardner has been a web developer for over 20 years. She's part of the NodeBots community and a contributor to the Johnny-Five Node.js library. Table of Contents PART 1 - A JAVASCRIPTER'S INTRODUCTION TO HARDWARE Bringing JavaScript and hardware together Embarking on hardware with Arduino How to build circuits PART 2 - PROJECT BASICS: INPUT AND OUTPUT WITH JOHNNY-FIVE Sensors and input Output: making things happen Output: making things move PART 3 - MORE

SOPHISTICATED
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communication
Projects without wires
Building your own
thing PART 4 - USING
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JavaScript and
constrained hardware
Building with Node.js
and tiny computers In
the cloud, in the
browser, and beyond
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JavaScript Stack* Simon
and Schuster
Node.js in Action,
Second Edition is a
thoroughly revised
book based on the
best-selling first
edition. It starts at
square one and guides
you through all the
features, techniques,
and concepts you'll
need to build
production-quality
Node applications.
About the Technology

You already know
JavaScript. The trick to
mastering Node.js is
learning how to build
applications that fully
exploit its powerful
asynchronous event
handling and non-
blocking I/O features.
The Node server
radically simplifies
event-driven real-time
apps like chat, games,
and live data analytics,
and with its incredibly
rich ecosystem of
modules, tools, and
libraries, it's hard to
beat! About the Book
Based on the
bestselling first edition,
Node.js in Action,
Second Edition is a
completely new book.
Packed with practical
examples, it teaches
you how to create
high-performance web
servers using
JavaScript and Node.
You'll master key
design concepts such

as asynchronous programming, state management, and event-driven programming. And you'll learn to put together MVC servers using Express and Connect, design web APIs, and set up the perfect production environment to build, lint, and test. What's Inside Mastering non-blocking I/O The Node event loop Testing and deploying Web application templating About the Reader Written for web developers with intermediate JavaScript skills. About the Authors The Second Edition author team includes Node masters Alex Young, Bradley Meck, Mike Cantelon, and Tim Oxley, along with original authors Marc Harter, T.J. Holowaychuk, and

Nathan Rajlich. *Hacking hardware for web developers* Apress If you're looking for an alternative to the "P" languages (Perl, PHP, and Python), or want to explore a new paradigm of server-side application development, this Node book is for you. You should have at least a rudimentary understanding of JavaScript and web application development.

Node.js in Practice

Sams Publishing Learn to build fast and scalable software in JavaScript with Node.js Node.js is a powerful and popular new framework for writing scalable network programs using JavaScript. This no nonsense book begins with an overview of Node.js and then

quickly dives into the code, core concepts, and APIs. In-depth coverage pares down the essentials to cover debugging, unit testing, and flow control so that you can start building and testing your own modules right away. Covers node and asynchronous programming main concepts Addresses the basics: modules, buffers, events, and timers Explores streams, file systems, networking, and automated unit testing Goes beyond the basics, and shares techniques and tools for debugging, unit testing, and flow control If you already know JavaScript and are curious about the power of Node.js, then this is the ideal book for you.

How To Code in Node.js

Simon and Schuster
Electron is a framework for building cross-platform desktop applications with web technologies. It combines Google Chrome's content module with Node.js, letting users use their web development skill set to build applications that run natively on all major platforms. Electron in Action guides the reader, step-by-step, as they learn to build desktop applications that run on Windows, OSX, and Linux. By the end, readers will be ready to build their own professional desktop applications using the web tools and technologies they already know. Purchase of the print book includes a free eBook in PDF, Kindle,

and ePub formats from Manning Publications.

[Node.js for .NET](#)

[Developers](#) Simon and Schuster

A comprehensive, easy-to-follow guide to creating complete Node apps and understanding how to build, deploy, and test your own apps. Key Features Entirely project-based and practical Explains the "Why" of Node.js features, not just the "how", providing you with a deep understanding and enabling you to easily apply concepts in your own applications Covers the full range of technologies around Node.js - NPM, version control with Git, and much more Book Description Learning Node.js Development is a practical, project-based book that

provides you with all you need to get started as a Node.js developer. Node is a ubiquitous technology on the modern web, and an essential part of any web developers' toolkit. If you are looking to create real-world Node applications, or you want to switch careers or launch a side project to generate some extra income, then you're in the right place. This book has been written around a single goal—turning you into a professional Node developer capable of developing, testing, and deploying real-world production applications. Learning Node.js Development is built from the ground up around the latest version of Node.js (version 9.x.x). You'll be learning all the

cutting-edge features available only in the latest software versions. This book cuts through the mass of information available around Node and delivers the essential skills that you need to become a Node developer. It takes you through creating complete apps and understanding how to build, deploy, and test your own Node apps. It maps out everything in a comprehensive, easy-to-follow package designed to get you up and running quickly. What you will learn

Learn the fundamentals of Node

Build apps that respond to user input

Master working with servers

Learn how to test and debug applications

Deploy and update your apps

in the real world

Create responsive asynchronous web applications

Who this book is for

This book targets anyone looking to launch their own Node applications, switch careers, or freelance as a Node developer. You should have a basic understanding of JavaScript in order to follow this course.

Node.js 8 the Right Way Simon and Schuster

Summary

Data Wrangling with JavaScript is hands-on guide that will teach you how to create a JavaScript-based data processing pipeline, handle common and exotic data, and master practical troubleshooting strategies. Purchase of the print book includes a free eBook in PDF,

Kindle, and ePub formats from Manning Publications. About the Technology Why not handle your data analysis in JavaScript? Modern libraries and data handling techniques mean you can collect, clean, process, store, visualize, and present web application data while enjoying the efficiency of a single-language pipeline and data-centric web applications that stay in JavaScript end to end. About the Book Data Wrangling with JavaScript promotes JavaScript to the center of the data analysis stage! With this hands-on guide, you'll create a JavaScript-based data processing pipeline, handle common and exotic data, and master practical

troubleshooting strategies. You'll also build interactive visualizations and deploy your apps to production. Each valuable chapter provides a new component for your reusable data wrangling toolkit. What's inside Establishing a data pipeline Acquisition, storage, and retrieval Handling unusual data sets Cleaning and preparing raw data Interactive visualizations with D3 About the Reader Written for intermediate JavaScript developers. No data analysis experience required. About the Author Ashley Davis is a software developer, entrepreneur, author, and the creator of Data-Forge and Data-Forge Notebook,

software for data transformation, analysis, and visualization in JavaScript. Table of Contents Getting started: establishing your data pipeline Getting started with Node.js Acquisition, storage, and retrieval Working with unusual data Exploratory coding Clean and prepare Dealing with huge data files Working with a mountain of data Practical data analysis Browser-based visualization Server-side visualization Live data Advanced visualization with D3 Getting to production *Electron in Action* Simon and Schuster Create real-time server-side applications with this practical, step-by-step guide About This Book

Learn about server-side JavaScript with Node.js and Node modules through the most up-to-date book on Node.js web development Understand website development both with and without the Connect/Express web application framework Develop both HTTP server and client applications Who This Book Is For This book is for anybody looking for an alternative to the "P" languages (Perl, PHP, and Python), or anyone looking for a new paradigm of server-side application development. You should have at least a rudimentary understanding of JavaScript and web application development. What You Will Learn Install and use Node.js for

both development and deployment Use the Express application framework Configure Bootstrap for mobile-first theming Use data storage engines such as MySQL, SQLITE3, and MongoDB Understand user authentication methods, including OAuth, with third-party services Deploy Node.js to live servers, including microservice development with Docker Perform unit testing with Mocha Perform functional testing of the web application with CasperJS In Detail Node.js is a server-side JavaScript platform using an event driven, non-blocking I/O model allowing users to build fast and scalable data-intensive applications running in real time. Node.js Web

Development shows JavaScript is not just for browser-side applications. It can be used for server-side web application development, real-time applications, microservices, and much more. This book gives you an excellent starting point, bringing you straight to the heart of developing web applications with Node.js. You will progress from a rudimentary knowledge of JavaScript and server-side development to being able to create and maintain your own Node.js application. With this book you'll learn how to use the HTTP Server and Client objects, data storage with both SQL and MongoDB databases, real-time applications with Socket.IO, mobile-

first theming with Bootstrap, microservice deployment with Docker, authenticating against third-party services using OAuth, and much more. Style and Approach This book is a practical guide for anyone looking to develop striking and robust web applications using Node.js.

Serverless Applications with Node.js DigitalOcean Summary Hapi.js in Action teaches you how to build modern Node-driven applications using hapi.js. Packed with examples, this book takes you from your first simple server through the skills you'll need to build a complete application. Foreword by Eran Hammer. Purchase of

the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology The hapi.js web framework for Node.js is built around three radical ideas. Developer productivity: hapi's intuitive setup gets you up and running in no time. Maintainability: hapi's modular design allows for easy scaling and improvement. Flexibility: hapi has a lightweight core that you can expand and customize with plugins. Are you ready to get hapi? About the Book Hapi.js in Action is an incredibly practical book that teaches you to build APIs, servers, and applications using Node.js and the hapi.js framework. You'll begin with an easy-to-follow mental model of a

Node.js web application and see exactly where hapi fits into the picture. Then, you'll walk through building an API and composing it into a web application. Along the way, you'll explore key topics like validation, testing, authentication, and deployment. Throughout, you'll learn how to build rock-solid, secure, and fast applications. What's Inside Best practices for Node application design Building APIs with hapi Maintaining and scaling applications Extending hapi with plugins About the Reader This book assumes you have strong JavaScript skills. Experience with Node.js is helpful but not required. About the Author Matt Harrison is a core contributor to

hapi.js and an active member of the Node community. Table of Contents PART 1 - FIRST STEPS Introducing hapi Building an API Building a website PART 2 - EXPANDING YOUR TOOLBOX Routes and handlers in-depth Understanding requests and responses Validation with Joi Building modular applications with plugins Cache me if you can PART 3 - CREATING ROCK-SOLID APPS Authentication and security Testing with Lab, Code, and server.inject() Production and beyond [Building Scalable Apps with Redis and Node.js](#) Packt Publishing Ltd Summary Express in Action is a carefully designed tutorial that teaches you how to build web applications

using Node and Express. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Express.js is a web application framework for Node.js. Express organizes your server-side JavaScript into testable, maintainable modules. It provides a powerful set of features to efficiently manage routes, requests, and views along with beautiful boilerplate for your web applications. Express helps you concentrate on what your application does instead of managing time-consuming technical details. About the Book Express in Action teaches you how to build web applications using Node and Express. It

starts by introducing Node's powerful traits and shows you how they map to the features of Express. You'll explore key development techniques, meet the rich ecosystem of companion tools and libraries, and get a glimpse into its inner workings. By the end of the book, you'll be able to use Express to build a Node app and know how to test it, hook it up to a database, and automate the dev process. What's Inside Simplify Node app setup with Express Testing Express applications Use Express for easy access to Node features Data storage with MongoDB Covers Express 4 and Express 5 alpha About the Reader To get the most out of this book, you'll

need to know the basics of web application design and be proficient with JavaScript. About the Author Evan Hahn is an active member of the Node and Express community and contributes to many open source JavaScript projects. Table of Contents PART 1 INTRO What is Express? The basics of Node.js Foundations of Express PART 2 CORE Middleware Routing Building APIs Views and templates: Pug and EJS PART 3 EXPRESS IN CONTEXT Persisting your data with MongoDB Testing Express applications Security Deployment: assets and Heroku Best practices **Professional Node.js** Packt Publishing Ltd Provides information on writing scalable

network applications using the JavaScript-based platform. Node.js in Action "O'Reilly Media, Inc." Summary D3.js in Action, Second Edition is completely revised and updated for D3 v4 and ES6. It's a practical tutorial for creating interactive graphics and data-driven applications using D3. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Visualizing complex data is hard. Visualizing complex data on the web is darn near impossible without D3.js. D3 is a JavaScript library that provides a simple but powerful data visualization API over HTML, CSS, and SVG. Start with a structure,

dataset, or algorithm; mix in D3; and you can programmatically generate static, animated, or interactive images that scale to any screen or browser. It's easy, and after a little practice, you'll be blown away by how beautiful your results can be! About the Book D3.js in Action, Second Edition is a completely updated revision of Manning's bestselling guide to data visualization with D3. You'll explore dozens of real-world examples, including force and network diagrams, workflow illustrations, geospatial constructions, and more. Along the way, you'll pick up best practices for building interactive graphics, animations, and live data representations.

You'll also step through a fully interactive application created with D3 and React. What's Inside Updated for D3 v4 and ES6 Reusable layouts and components Geospatial data visualizations Mixed-mode rendering About the Reader Suitable for web developers with HTML, CSS, and JavaScript skills. No specialized data science skills required. About the Author Elijah Meeks is a senior data visualization engineer at Netflix. Table of Contents PART 1 - D3.JS FUNDAMENTALS An introduction to D3.js Information visualization data flow Data-driven design and interaction Chart components Layouts PART 2 - COMPLEX DATA VISUALIZATION Hierarchical

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 you through all the
 features, techniques,
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 need to build
 production-quality
 Node applications.
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 Manning Publications.
 About the Technology

You already know
 JavaScript. The trick to
 mastering Node.js is
 learning how to build
 applications that fully
 exploit its powerful
 asynchronous event
 handling and non-
 blocking I/O features.
 The Node server
 radically simplifies
 event-driven real-time
 apps like chat, games,
 and live data analytics,
 and with its incredibly
 rich ecosystem of
 modules, tools, and
 libraries, it's hard to
 beat! About the Book
 Based on the
 bestselling first edition,
 Node.js in Action,
 Second Edition is a
 completely new book.
 Packed with practical
 examples, it teaches
 you how to create
 high-performance web
 servers using
 JavaScript and Node.
 You'll master key
 design concepts such

as asynchronous programming, state management, and event-driven programming. And you'll learn to put together MVC servers using Express and Connect, design web APIs, and set up the perfect production environment to build, lint, and test. What's Inside Mastering non-blocking I/O The Node event loop Testing and deploying Web application templating About the Reader Written for web developers with intermediate JavaScript skills. About the Authors The Second Edition author team includes Node masters Alex Young, Bradley Meck, Mike Cantelon, and Tim Oxley, along with original authors Marc Harter, T.J. Holowaychuk, and

Nathan Rajlich. Table of contents PART 1 - WELCOME TO NODE Welcome to Node.js Node programming fundamentals What is a Node web application? PART 2 - WEB DEVELOPMENT WITH NODE Front-end build systems Server-side frameworks Connect and Express in depth Web application templating Storing application data Testing Node applications Deploying Node applications and maintaining uptime PART 3 - BEYOND WEB DEVELOPMENT Writing command-line applications Conquering the desktop with Electron **Node.js Design Patterns** Simon and Schuster Summary Sails.js in Action is a comprehensive guide

to building enterprise-capable web applications using Node and Sails. Written by the creators of the Sails.js framework, this book carefully introduces each concept, technique, and tool with real-world examples and crystal clear explanations. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Sails makes professional web development a breeze. This instantly familiar MVC framework automatically handles the tedious application boilerplate, so you can concentrate on developing features and creating business value. You get powerful tools for rapid API development, task

automation, an ORM, and easy integration with any web, mobile, or IoT frontend. And because you're using Node.js, it's JavaScript all the way down. About the Book Sails.js in Action is a comprehensive guide on how to build enterprise-capable web applications. Written by the creators of Sails.js, this book introduces each concept and technique with real-world examples and thorough explanations. As you read, you'll learn to build the backend of a typical web application while you explore real-time programming with WebSockets, security fundamentals, and best practices for building Sails/Node.js apps. What's Inside Creating the backend

for a web, mobile, or IoT app Real-time programming with WebSockets User management, authentication, and password recovery Using Sails to autogenerate REST APIs Custom backend development and third-party API integrations About the Reader Readers should be comfortable with JavaScript and frontend web development. About the Author Mike McNeil is the creator of Sails.js. Irl Nathan is the producer of sailsCasts, a series focused on using Sails. Table of Contents Getting started First steps Using static assets Using the blueprint API Custom backend code Using models Custom actions Server-rendered views Authentication and

sessions Policies and access control Refactoring Embedded data and associations Ratings, followers, and search Realtime with WebSockets Deployment, testing, and security **Node.js Web Development** Simon and Schuster Summary React in Action introduces front-end developers to the React framework and related tools. This clearly written, example-rich book begins by introducing you to React, diving into some of the fundamental ideas in React, and working with components. In the second section, you'll explore the different ways that data works in React as well as learning more about components. You'll also find several

useful appendixes covering related topics like React tooling and the React ecosystem. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Facebook created React to help deliver amazing user experiences on a website with thousands of components and an incomprehensible amount of traffic. The same powerful tools are available to you too! The key is a clever design for managing state, data flow, and rendering, so your application is easy to think about and runs smoothly. Add an incredibly rich ecosystem of components and libraries, and you've got a recipe for

building web apps that will delight both developers and users. About the Book React in Action teaches you to think like a pro about user interfaces and building them with React. This practical book gets you up and running quickly with hands-on examples in every chapter. You'll master core topics like rendering, lifecycle methods, JSX, data flow, forms, routing, integrating with third-party libraries, and testing. And the included application design ideas will help make your apps pop. As you learn to integrate React into full-stack applications, you'll explore state management with Redux and server-side rendering, and even dabble in React Native for mobile UIs. What's

Inside React from the ground up
Implementing a routing system with components
Server-side rendering in Node.js
Working with third-party libraries
Testing React components
About the Reader
Written for developers familiar with HTML, CSS, and JavaScript.
About the Author
Mark Thomas is an experienced software engineer who works daily with React, JavaScript, and Node.js. He loves clean code, beautiful systems, and good coffee.
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React Router
An introduction to React Native

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