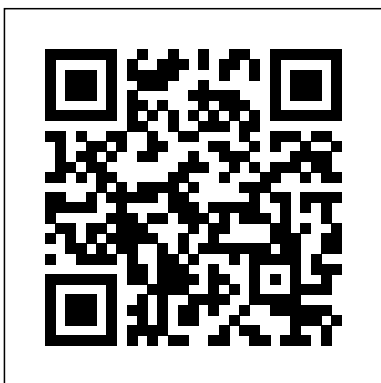

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Pro Node.js for Developers Packt Publishing Ltd

Since its creation in 2009, Node.js has grown into a powerful and increasingly popular asynchronous-development framework for creating highly-scalable network applications using JavaScript. Respected companies such as Dow Jones and LinkedIn are among the many organizations to have seen Node's potential and adopted it into their businesses. Pro Node.js for Developers provides a comprehensive guide to this exciting new technology. We introduce you to Node — what it is, why it matters and how to set it up — before diving deeply into the key concepts and APIs that underpin its operation. Building upon your existing JavaScript skills you'll be shown how to use Node.js to build both Web- and Network-based applications, to deal with data sources, capture events and deal with child processes to create

robust applications that will work well in a wide range of circumstances. Once you've mastered these skills we'll go further, teaching you more advanced software engineering skills that will give your code a professional edge. You'll learn how to create easily reusable modules that will save you time through code reuse, to log and debug your applications quickly and effectively and to write code that will scale easily and reliably as the demand for your application grows. What you'll learn Install, configure and deploy Node.js apps effectively Understand the Node.js asynchronous programming model in detail Create both web and network-based Node.js applications with ease Learn to work effectively with varied data sources and file types Discover advanced software engineering concepts that will save you time and promote code reuse Who this book is for This book is for developers who already have a working knowledge of JavaScript and are interested in adopting Node.js into their projects. All other concepts will be introduced from first-principals. Table of Contents Introducing Node.js The Node Module System The Event Loop Events Timers and Scheduling The Command Line Interface Accessing the File System Data Streams Binary Data Creating Child Processes Network Programming HTTP Server Development Connect Connecting to Databases Logging Application Scaling Appendix Pro Vue.js 2 O'Reilly Media

Learn everything you need to get up and running with cutting-edge API development using JavaScript and Node.js; ideal for data-intensive real-time applications that run across multiple platforms. Key Features Build web APIs from start to finish using JavaScript across the development stack Explore advanced concepts such as authentication with JWT, and running tests against your APIs Implement over 20 practical activities and exercises across 9 topics to reinforce your learning Book Description Using the same framework to build both server and client-side applications saves you time and money. This book teaches you how you can use JavaScript and Node.js to build highly scalable APIs that work well with lightweight cross-platform client applications. It begins with the basics of Node.js in the context of backend development, and quickly leads you through the creation of an example client that pairs up with a fully authenticated API implementation. By the end of the book, you ' ll have the skills and exposure required to get hands-on with your own API development project. What you will learn Understand how Node.js works, its trends, and where it is being used now Learn about application modularization and built-in Node.js modules Use the npm third-party module registry to extend your application Gain an understanding of asynchronous programming with Node.js Develop scalable and high-performing APIs using hapi.js and Knex.js Write unit tests for your APIs to ensure reliability and maintainability Who this book is for This book is ideal for developers who already understand JavaScript and are looking for a quick no-frills introduction to API development with Node.js. Though prior experience with other server-side technologies such as Python, PHP, ASP.NET, Ruby will help, it ' s not essential to have a background in backend development before getting started.

James Learning Javascript Programming

O'Reilly Media

Build an interactive and full-featured web

application from scratch using Node.js and MongoDB About This Book Configure your development environment to use Node.js and MongoDB Use Node.js to connect to a MongoDB database and perform data manipulations A practical guide with clear instructions to design and develop a complete web application from start to finish Who This Book Is For This book is designed for JavaScript developers of any skill level that want to get up and running using Node.js and MongoDB to build full-featured web applications. A basic understanding of JavaScript and HTML is the only requirement for this book. What You Will Learn Configure your development environment to use Node.js and MongoDB Write and configure a web server using Node.js powered by the Express.js framework Build dynamic HTML pages using the Handlebars template engine Persist application data using MongoDB and Mongoose ODM Test your code using automated testing tools such as the Mocha framework Deploy the development environment to the cloud using services such as Heroku, Amazon Web Services, and Microsoft Azure Explore Single-Page application frameworks to take your web applications to the next level In Detail

Node.js and MongoDB are quickly becoming one of the most popular tech stacks for the web. Powered by Google's V8 engine, Node.js caters to easily building fast, scalable network applications while MongoDB is the perfect fit as a scalable, high-performance, open source NoSQL database solution. Using these two technologies together, web applications can be built quickly and easily and deployed to the cloud with very little difficulty. The book will begin by introducing you to the groundwork needed to set up the development environment. Here, you will quickly run through the steps necessary to get the main application server up and running. Then you will see how to use Node.js to connect to a MongoDB database and perform data manipulations. From here on, the book will take you through integration with third-party tools for interaction with web apps. It then moves on to show you how to use controllers and view models to generate reusable code that will reduce development time. Toward the end of the book, we will cover tests to properly execute the code and some popular frameworks for developing web applications. By the end of the book, you will have a running web

application developed with MongoDB and Node.js along with it's popular frameworks. Style and approach An easy guide to Node.js and MongoDB, which will quickly introduce you to the relevant concepts by taking you through the different steps involved in building a full-fledged web application.

[You Don't Know JS: Scope & Closures](#) Packt Publishing Ltd

Manage and understand the full capabilities of successful REST development. REST API development is a hot topic in the programming world, but not many resources exist for developers to really understand how you can leverage the advantages. This completely updated second edition provides a brief background on REST and the tools it provides (well known and not so well known), then explains how there is more to REST than just JSON and URLs. You will learn about the maintained modules currently available in the npm community, including Express, Restify, Vatican, and Swagger. Finally you will code an example API from start to finish, using a subset of the tools covered. The Node community is currently flooded with modules; some of them are published once and never updated again - cluttering the entire universe of packages. Pro REST API Development with Node.js shines light into that black hole of modules for the developers trying to create an API. Understand REST API development with Node.js using this book today. What You'll Learn Understand how REST and API development

mix up with Node.js Create a scalable, technology agnostic, and uniform interface Prepare your services to be consumed by your clients Test and deploy your API Review troubleshooting techniques Who This Book Is For Any Node.js developer who wants to fully understand REST API development. Beginner and Intermediate Node.js developers who are looking to fully understand how to create RESTful microservices.

Kenya Gazette John Wiley & Sons

This book is designed for developers of any skill level that want to get up and running using Node.js and MongoDB to build full featured web applications. A basic understanding of JavaScript and HTML is the only requirement for this book.

Vue.js 2 and Bootstrap 4 Web Development Apress

Learn how to combine Bootstrap with Vue.js to build responsive web applications. About This Book Build applications with a good architecture and clean UI with Vue.js and Bootstrap Understand Bootstrap components and learn to integrate them with the Vue.js structure Build, deploy, and test your code with various utility tools provided by Vue.js Who This Book Is For This book is for JavaScript programmers who are new to web frameworks and want to start learning it by developing interactive and responsive web applications. What You Will Learn Create and build web applications using Vue.js, Webpack, and Nuxt.js Combine Bootstrap components with Vue.js' power to enrich your web applications with reusable elements Connect the Vuex state management architecture to the Firebase cloud backend to persist and manage application data Explore the new grid system of Bootstrap 4 along with the far simpler directives in Vue.js Test

Vue applications using Jest Authenticate your application using Bootstrap's forms, Vue.js' reactivity, and Firebase's authentication API Deploy your application using Firebase, which provides Backend as a Service In Detail In this book, we will build a full stack web application right from scratch up to its deployment. We will start by building a small introduction application and then proceed to the creation of a fully functional, dynamic responsive web application called ProFitOro. In this application, we will build a Pomodoro timer combined with office workouts. Besides the Pomodoro timer and ProFitOro workouts will enable authentication and collaborative content management. We will explore topics such as Vue reactive data binding, reusable components, routing, and Vuex store along with its state, actions, mutations, and getters. We will create Vue applications using both webpack and Nuxt.js templates while exploring cool hot Nuxt.js features such as code splitting and server-side rendering. We will use Jest to test this application, and we will even revive some trigonometry from our secondary school! While developing the app, you will go through the new grid system of Bootstrap 4 along with Vue.js' directives. We will connect Vuex store to the Firebase real-time database, data storage, and authentication APIs and use this data later inside the application's reactive components. Finally, we will quickly deploy our application using the Firebase hosting mechanism. Style and Approach Step-by-step tutorial *JavaScript - de basis* No Starch Press Beginning Windows Store Application Development – HTML and JavaScript Edition introduces you to the Windows 8 modern app design paradigm and the new Windows 8 programming

model developed around this paradigm. You'll learn to build rich, immersive applications designed to run on the many devices powered by Windows 8. The authors draw on their extensive practical experience to provide not only a comprehensive introduction to the model and its features, but guidance on best practices and a real-world sample application that you develop over the course of the book. **Beginning Windows Store Application Development – HTML and JavaScript Edition** also emphasizes how devices will be used and applications will be built in a world that has become far more connected. The book takes you beyond the syntax of any development language and examines factors such as application design, user experience, social integration, and maintaining data and settings across multiple devices.

Web Development with MongoDB and NodeJS PE Press

Gear up for a roller-coaster ride into the world of JavaScript and programming with this easy-to-follow, fun, and entertaining project-based guide **About This Book** Get to know the concepts of HTML and CSS to work with JavaScript Explore the concepts of object-oriented programming Follow this step-by-step guide on the fundamentals of JavaScript programming **Who This Book Is For** If you've never written code before or you are completely new to the world of web programming, then this book is the right choice for you. This book is for kids of age 10 years and above and parents who are completely new to the world of programming and want to get introduced to programming. **What You Will Learn** Learn how to work with Google Developer tools to iterate, debug and profile your code **Develop a Battleship game** using the

basic concepts of HTML and CSS **Get to know the fundamentals of JavaScript programming** Create our own version of Pac Man game. Discover the vital concepts of object-oriented programming **In Detail** JavaScript is the most widely-used programming language for web development and that's not all! It has evolved over the years and is now being implemented in an array of environments from websites to robotics. **Learning JavaScript** will help you see the broader picture of web development. This book will take your imagination to new heights by teaching you how to work with JavaScript from scratch. It will introduce you to HTML and CSS to enhance the appearance of your applications. You'll then use your skills to build on a cool Battleship game! From there, the book will introduce you to jQuery and show you how you can manipulate the DOM. You'll get to play with some cool stuff using Canvas and will learn how to make use of Canvas to build a game on the lines of Pacman, only a whole lot cooler! Finally, it will show you a few tricks with OOP to make your code clean and will end with a few road maps on areas you can explore further. **Style and approach** This is an easy-to-follow, informative, and fun guide that takes a project-based approach to teaching programming in JavaScript. You will learn everything you need to get started with serious web application development.

Vue.js in Action Apress

A fantastic guide to learning JavaScript. It provides a strong foundation for those just starting out with JavaScript and serves as a reference for those already familiar with JavaScript. This book will guide you step-by-step on your journey to become a great JavaScript programmer.

Beginning API Development with Node.js Packt Publishing

Learn how to turn raw data into rich, interactive web

visualizations with the powerful combination of Python and JavaScript. With this hands-on guide, author Kyran Dale teaches you how build a basic dataviz toolchain with best-of-breed Python and JavaScript libraries—including Scrapy, Matplotlib, Pandas, Flask, and D3—for crafting engaging, browser-based visualizations. As a working example, throughout the book Dale walks you through transforming Wikipedia’s table-based list of Nobel Prize winners into an interactive visualization. You’ll examine steps along the entire toolchain, from scraping, cleaning, exploring, and delivering data to building the visualization with JavaScript’s D3 library. If you’re ready to create your own web-based data visualizations—and know either Python or JavaScript—this is the book for you. Learn how to manipulate data with Python Understand the commonalities between Python and JavaScript Extract information from websites by using Python’s web-scraping tools, BeautifulSoup and Scrapy Clean and explore data with Python’s Pandas, Matplotlib, and Numpy libraries Serve data and create RESTful web APIs with Python’s Flask framework Create engaging, interactive web visualizations with JavaScript’s D3 library

Backbone.Js Testing Apress

This book is a practical guide to Backbone.js programming and provides how to integrate with several web technology such as HTML5, Bootstrap CSS, RequireJS, PHP, Node.js and Socket.io. It describes all the elements of the Backbone API and illustrates their use with code examples. The following is a list of highlight topics: *

- Preparing development environment
- Model, View, and Collection
- Events and Model Validation
- Backbone View Templates and Data

Binding with case study: Underscore.js, Handlebars, Mustache.js *

- Backbone Router
- Interacting with Server: Backbone Sync
- Building Backbone modular: Backbone.js, Handlebars, and RequireJS
- Case study 1: Building web application with Backbone.js, PHP RESTful and MySQL
- Case study 2: Building web application with Backbone.js, Node.js, Express RESTful, Require.js and MongoDB
- Case study 3: Building web application with Backbone.js, Node.js, Express and Socket.io

Practical Node.js Packt Publishing Ltd

JavaScript is the programming language of the Internet, the secret sauce that makes the Web awesome, your favorite sites interactive, and online games fun! JavaScript for Kids is a lighthearted introduction that teaches programming essentials through patient, step-by-step examples paired with funny illustrations. You’ll begin with the basics, like working with strings, arrays, and loops, and then move on to more advanced topics, like building interactivity with jQuery and drawing graphics with Canvas. Along the way, you’ll write games such as Find the Buried Treasure, Hangman, and Snake. You’ll also learn how to:

- Create functions to organize and reuse your code
- Write and modify HTML to create dynamic web pages
- Use the DOM and jQuery to make your web pages react to user input
- Use the Canvas element to draw and animate graphics
- Program real user-controlled games with collision detection and score keeping

With visual examples like bouncing balls, animated bees, and racing cars, you can really see what you’re programming. Each chapter builds on the last, and programming challenges at the end of each chapter will stretch your brain and inspire your own amazing

programs. Make something cool with JavaScript today! Ages 10+ (and their parents!)

REST API Development with Node.js Que Publishing

The Kenya Gazette is an official publication of the government of the Republic of Kenya. It contains notices of new legislation, notices required to be published by law or policy as well as other announcements that are published for general public information. It is published every week, usually on Friday, with occasional releases of special or supplementary editions within the week.

Web Development with MongoDB and Node.js Apress

Beginning Backbone.js is your step-by-step guide to learning and using the Backbone.js library in your web projects. Backbone.js is one of the most popular JavaScript libraries among web developers, used to create modular, single-page web apps. This book takes you from downloading Backbone.js and its dependencies all the way to using more advanced libraries to structure your application architecture, and everything in between. With a real-world, practical approach, you will learn how you can integrate Backbone.js into the center of your JavaScript stack, and create scalable applications. James Sugrue shows you how to implement all aspects of templating, work efficiently with RequireJS, and fully understand Grunt and all its plug-ins. Armed with this knowledge you'll be able to architect a continuous integration system that is key to real-world applications. With the explosion of JavaScript-based applications on the web, the need for more structured approaches to code management is more important than ever. Backbone.js helps create applications that separate models from views, enabling developers to avoid spaghetti code. Beginning Backbone.js will gently guide you into

this amazingly powerful library, and help you ramp up to building professional applications. Integrate Backbone.js into your work today with this indispensable book. What you'll learn Learn the importance of MVC approaches in software development Learn why Backbone.js is so popular and how to integrate it into your JavaScript stack Understand core Backbone.js concepts such as models, views, routers, and events Test your application using the latest JavaScript testing tools Create build scripts using Grunt.js to simplify your build and deployment workflow Use additional libraries to build on the power of Backbone.js Avoid common beginner errors and code using best practices Who this book is for Beginning Backbone.js is for the web developer who is already confident with JavaScript, but who is keen to build larger, single-page web apps. If you want to introduce more structure, quality, and process to your web application using Backbone.js, and other leading JavaScript technologies, this is the book for you. Table of Contents Chapter 1: An Introduction To Backbone.js Chapter 2: Getting Object-Oriented Chapter 3: Backbone.js Model, View, and Collections Chapter 4: Templating with Underscore, Handlebars, and Mustache Chapter 5: Backbone.js Routers and Events Chapter 6: Backbone.js Start To Finish: Twitter App Example Chapter 7: The Backbone Ecosystem Chapter 8: Testing Your Backbone.js Application Chapter 9: Using Grunt for Your Build Process Chapter 10: Extending Backbone.js with Marionette Chapter 11: Best Practices With Backbone.js Chapter 12: Creating A Manageable JavaScript Codebase

Beginning Windows Store Application Development: HTML and JavaScript Edition Simon and Schuster

Combining the demand for AI with the ubiquity of JavaScript was inevitable. With Google's TensorFlow.js framework, seasoned AI veterans and web developers alike can help propel the future of AI-driven websites. In this guide, author Gant Laborde--Google Developer Expert in machine learning and the web--provides a hands-on, end-to-end approach to TensorFlow.js fundamentals for a broad technical audience that includes data scientists, engineers, web developers, students, and researchers. You'll begin by working through some basic examples in TensorFlow.js before diving deeper into neural network architectures, DataFrames, TensorFlow Hub, model conversion, transfer learning, and more. Once you finish this book, you'll know how to build and deploy production-ready deep learning systems with TensorFlow.js. Explore tensors, the most fundamental structure of machine learning Convert data into tensors and back with a real-world example Combine AI with the web using TensorFlow.js and other tools Use resources to convert, train, and manage machine learning data Start building and training your own training models from scratch Learn how to create your own image classification models Examine transfer learning: retraining an advanced model to perform a new task

Antwoord van J. S. aan P. Schaver [on his pamphlet entitled: “Een Woerdje an Meneer J. J. Cremer, of liever an J. S., schrijver van den Brief an alle Nederlandsche Werklieden”]. Uitgegeven door J. J. Cremer, met een Woord aan den lezer "O'Reilly Media, Inc."

Build scalable web applications using Node.js, Express.js, and the latest ECMAScript techniques, along with deploying applications with AWS and Docker with this updated fifth edition Key Features • Learn backend web programming with the JavaScript stack • Explore best practices, right from configuring and building web servers to deploying them on a production cloud hosting system: AWS using Docker and Terraform • Work through the different stages of developing robust and scalable apps using Node.js 14 Book Description Node.js is the leading choice of server-side web development platform, enabling developers to use the same tools and paradigms for both server-side and client-side software. This updated fifth edition of Node.js Web Development focuses on the new features of Node.js

14, Express 4.x, and ECMAScript, taking you through modern concepts, techniques, and best practices for using Node.js. The book starts by helping you get to grips with the concepts of building server-side web apps with Node.js. You'll learn how to develop a complete Node.js web app, with a backend database tier to help you explore several databases. You'll deploy the app to real web servers, including a cloud hosting platform built on AWS EC2 using Terraform and Docker Swarm, while integrating other tools such as Redis and NGINX. As you advance, you'll learn about unit and functional testing, along with deploying test infrastructure using Docker. Finally, you'll discover how to harden Node.js app security, use Let's Encrypt to provision the HTTPS service, and implement several forms of app security with the help of expert practices. With each chapter, the book will help you put your knowledge into practice throughout the entire life cycle of developing a web app. By the end of this Node.js book, you'll have gained practical Node.js web development knowledge and be able to build and deploy your own apps on a public web hosting solution. What you will learn • Install and use Node.js 14 and Express 4.17 for both web development and deployment • Implement RESTful web services using the Restify framework • Develop, test, and deploy microservices using Docker, Docker Swarm, and Node.js, on AWS EC2 using Terraform • Get up to speed with using data storage engines such as MySQL, SQLite3, and MongoDB • Test your web applications using unit testing with Mocha, and headless browser testing with Puppeteer • Implement HTTPS using Let's Encrypt and enhance application security with Helmet Who this book is for If you're looking for an alternative to the 'P' languages (Perl, PHP, and Python), or if you want to get started with server-side web development with JavaScript programming, or if you want a deep dive into deploying services to cloud hosting, this Node.js book is for you. A rudimentary understanding of JavaScript and web application development is a must before you get started with this book. Table of Contents • About Node.js • Setting Up Node.js • Exploring Node.js Modules • HTTP Servers and Clients • Your First Express Application • Implementing the Mobile-First Paradigm • Data Storage and Retrieval • Authenticating Users with a Microservice • Dynamic Client/Server Interaction with Socket.IO •

Deploying Node.js Applications to Linux Servers • Deploying Node.js microservices with Docker • Deploying a Docker Swarm to AWS EC2 with Terraform • Unit Testing and Functional Testing • Security in Node.js Applications

Full-Stack Vue.js 2 and Laravel 5 Packt Publishing Ltd

Explore Vue.js to take advantage of the capabilities of modern browsers and devices using the fastest-growing framework for building dynamic JavaScript applications. You will work with the power of the Model-View-Controller (MVC) pattern on the client, creating a strong foundation for complex and rich web apps. Best-selling author Adam Freeman explains how to get the most from Vue.js 2. He begins by describing the MVC pattern and the benefits it can offer, and then shows you how to use Vue.js in your projects, starting from the nuts-and-bolts and building up to the most advanced and sophisticated features, going in-depth to give you the knowledge you need. Chapters include common problems and how to avoid them. What You'll Learn Gain a solid architectural understanding of the MVC pattern Create rich and dynamic web app clients using Vue.js 2 Extend and customize Vue.js Test your Vue.js projects Who This Book Is For JavaScript developers who want to use Vue.js to create dynamic client-side applications

Special Edition Using JavaScript Pearson Professional

Learn how to build a wide range of scalable real-world web applications using a professional development toolkit. If you already know the basics of Node.js, now is the time to discover how to bring it to production level by leveraging its vast ecosystem of packages. With this book, you'll work with a varied collection of standards and frameworks and see how all those pieces fit together. Practical Node.js takes you from installing all the necessary modules to writing full-stack web applications. You'll harness the power of the Express.js and Hapi frameworks, the MongoDB database with Mongoskin and Mongoose. You'll also work with Pug and Handlebars template engines, Stylus and LESS CSS languages, OAuth and Everyauth libraries, and the

Socket.IO and Derby libraries, and everything in between. This exciting second edition is fully updated for ES6/ES2015 and also covers how to deploy to Heroku and AWS, daemonize apps, and write REST APIs. You'll build full-stack real-world Node.js apps from scratch, and also discover how to write your own Node.js modules and publish them on NPM. You already know what Node.js is; now learn what you can do with it and how far you can take it! What You'll Learn Manipulate data from the mongo console Use the Mongoskin and Mongoose MongoDB libraries Build REST API servers with Express and Hapi Deploy apps to Heroku and AWS Test services with Mocha, Expect and TravisCI Utilize sessions for authentication Implement a third-party OAuth strategy with Everyauth Apply Redis, domains, WebSockets, and clusters Write your own Node.js module, and publish it on NPM Who This Book Is For Web developers who have some familiarity with the basics of Node.js and want to learn how to use it to build apps in a professional environment.

JavaScript Projects for Kids Pearson Education

Completely revised and updated, this best-selling introduction to programming in JavaScript focuses on writing real applications. JavaScript lies at the heart of almost every modern web application, from social apps like Twitter to browser-based game frameworks like Phaser and Babylon. Though simple for beginners to pick up and play with, JavaScript is a flexible, complex language that you can use to build full-scale applications. This much anticipated and thoroughly revised third edition of Eloquent JavaScript dives deep into the JavaScript language to show you how to write beautiful, effective code. It has been updated to reflect the current state of JavaScript and web browsers and includes brand-new material on features like

class notation, arrow functions, iterators, async functions, template strings, and block scope. A host of new exercises have also been added to test your skills and keep you on track. As with previous editions, Haverbeke continues to teach through extensive examples and immerses you in code from the start, while exercises and full-chapter projects give you hands-on experience with writing your own programs. You start by learning the basic structure of the JavaScript language as well as control structures, functions, and data structures to help you write basic programs. Then you'll learn about error handling and bug fixing, modularity, and asynchronous programming before moving on to web browsers and how JavaScript is used to program them. As you build projects such as an artificial life simulation, a simple programming language, and a paint program, you'll learn how to:

- Understand the essential elements of programming, including syntax, control, and data
- Organize and clarify your code with object-oriented and functional programming techniques
- Script the browser and make basic web applications
- Use the DOM effectively to interact with browsers
- Harness Node.js to build servers and utilities

Isn't it time you became fluent in the language of the Web? * All source code is available online in an interactive sandbox, where you can edit the code, run it, and see its output instantly.

De vaderlandsche echo of naklank voor Js. le Francq van Berkhey, op zijn haatlyke en lasterende parodie gemaakt op de vaderlandsche feest-zangen door den kundigen heere Pieter Vrede "O'Reilly Media, Inc."

Beginning Node.js is your step-by-step guide to learning all the aspects of creating maintainable Node.js applications. You will see how Node.js is focused on creating high-performing, highly-scalable websites, and how easy

it is to get started. Many front-end devs regularly work with HTML, CSS, PHP, even WordPress, but haven't yet got started with Node.js. This book explains everything for you from a beginner level, enabling you to start using Node.js in your projects right away. Using this book you will learn important Node.js concepts for server-side programming. You will begin with an easy-to-follow pure JavaScript primer, which you can skip if you're confident of your JS skills. You'll then delve into Node.js concepts such as streams and events, and the technology involved in building full-stack Node.js applications. You'll also learn how to test your Node.js code, and deploy your Node.js applications on the internet. Node.js is a great and simple platform to work with. It is lightweight, easy to deploy and manage. You will see how using Node.js can be a fun and rewarding experience - start today with Beginning Node.js. What you'll learn

- Learn how JavaScript can help you be highly productive as a full-stack developer
- How to set up an end to end Node.js development environment
- Learn how to create reusable and maintainable Node.js modules
- Patterns for sharing code between the server and the client
- Create Node.js restful web services and websites
- Store and retrieve your data using Document Databases
- How to test your Node.js applications
- How to deploy your applications on the internet

Who this book is for Beginning Node.js is great for front-end developers looking to use Node.js in their websites. If you understand the basics of programming this book will teach you how you can leverage JavaScript to create full stack web-apps using Node.js. Node.js allows you to write code that runs both on the client and server. This allows you to reuse more code and deliver applications faster. From this book you will learn how to write maintainable server-side JavaScript using Node.js, how to test your code and deploy it on the internet.

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