Sails Js

JavaScript   Node.js   Web   Web   Node.js   JavaScript   JavaScript   JavaScript   Node.js   JavaScript

Web

JavaScript   CONTENTS   Chapter1   Node.js

Chapter2   Chapter3   Chapter4 Web   Express   Chapter5 PostgreSQL   Chapter6 MongoDB   Chapter7 Sails.js   MVC   Chapter8 Sails.js

Getting started with the processes and the tools to continuously deliver high-quality software About This Book Incorporate popular development practices to prevent messy code Automate your build, integration, release, and deployment processes with Jenkins, Git, and Gulp?and learn how continuous integration (CI) can save you time and money Gain an end-to-end overview of Continuous Integration using different languages (JavaScript and C#) and tools (Gulp and Jenkins) Who This Book Is For This book is for developers who want to understand and implement Continuous Integration and Delivery in their daily work. A basic knowledge of at least JavaScript and HTML/CSS is required. Knowing C# and SQL will come in handy. Most programmers who have programmed in a (compiled) C-like language will be able to follow along. What You Will Learn Get to know all the aspects of Continuous Integration, Deployment, and Delivery Find out how Git can be used in a CI environment Set up browser tests using Karma and Selenium and unit tests using Jasmine Use Node.js, npm, and Gulp to automate tasks such as linting, testing, and minification Explore different Jenkins jobs to integrate with Node.js and C# projects Perform Continuous Delivery and Deployment using Jenkins Test and deliver a web API In Detail The challenge faced by many teams while implementing Continuous Deployment is that it requires the use of many tools and processes that all work together. Learning and implementing all these tools (correctly) has a lot of time and effort, leading people to wonder whether it's really worth it. This book sets up a project to show you the different steps, processes, and tools in Continuous Deployment and the actual problems they solve. We start by introducing Continuous Integration (CI), deployment, and delivery as well as providing an overview of the tools used in CI. You'll then create a web app and see how Git can be used in a CI environment. Moving on, you'll explore unit testing using Jasmine and browser testing using Karma and Selenium for your app. You'll also find out how to automate tasks using Gulp and Jenkins. Next, you'll get acquainted with database integration for different platforms, such as MongoDB and PostgreSQL. Finally, you'll set up different Jenkins jobs to integrate with Node.js and C# projects, and Jenkins pipelines to make branching easier. By the end of the book, you'll have implemented Continuous Delivery and deployment from scratch. Style and approach This practical book takes a step-by-step approach to explaining all the concepts of Continuous Integration and delivery, and how it can help you deliver a high-quality product.

Node.js Easy Guide Book for Beginners. Learn Node.js Framework in 1 Day! This book is an exploration of the Node.JS library of JavaScript. It begins by providing a guide to the user on how to work with the Sails.JS framework. The process of handling the asynchronous nature of Node.JS is also discussed in this book. The book guides the reader on how to use JSON files in Node.JS. A database is very crucial when it comes to working with web apps. This book guides the user on how to work with the MySQL database in Node.js. You create a database in MySQL and then connect to it from Node.JS. The process of extracting information from a certain link in node.JS is explored, so you will learn how to do it. Node.JS and Python can be used together, and this book guides the user on how to do it. The process of creation of both private and public modules in Node.JS is explored in detail. You will also learn how to create a CMS which has a dynamic content. The following topics are explored: Working with Sails.JS Twitter Sign in with Node.JS How to handle the Asynchronous Nature of Node.JS Using JSON files in Node.JS Node.JS and MySQL Extracting Information from a Link Node.JS and Python Creation of Private and Public Node Modules Creating a CMS with Dynamic User Content Here is a preview of what you'll learn: Working with Sails.JS Twitter Sign in with Node.JS How to handle the Asynchronous Nature of Node.JS Using JSON files in Node.js Node.JS and MySQL Extracting Information from a Link Node.JS and Python Creation of Private and Public Node Modules Creating a CMS with Dynamic User Content Download your copy of " Node.js" by scrolling up and clicking "Buy Now With 1-Click" button.

Summary Sails.js in Action is a comprehensive guide to buildingenterprise-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 with ease. 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

Selected Papers from the Twelfth International Baltic Conference, DB&IS 2016

Practical Node.js

Node.js

Web Development with MongoDB and Node.js

Building Real-World Scalable Web Apps

This book constitutes the proceedings of the 13th International Conference on Smart Homes and Health Telematics, ICOST 2015, held in Geneva, Switzerland, in June 2015. The 20 full papers and 16 short contributions included in this volume were carefully reviewed and selected from 45 submissions. They were organized in topical sections named: design and usability; assistive and sentient environments; human behavior and activities monitoring; and health IT and supportive technology. The book also contains 3 invited talks.

Master the capabilities of RethinkDB and implement them to develop efficient real-time web applications. The way to better database development is here! About This Book Master the powerful ReQL queries to manipulate your JSON data. Learn how to develop scalable, real-time web applications using RethinkDB and Node.js and deploy them for production. A detailed, step-by-step guide to help you master the concepts of RethinkDB programming with ease Who This Book Is For This book caters to all the real-time application developers looking forward to master their skills using RethinkDB. A basic understanding of RethinkDB and Node.js is essential to get the most out of this book. What You Will Learn Master the web-based management console for data-center configuration (sharding, replication, and more), database monitoring, and testing queries. Run queries using the ReQL language Perform Geospatial queries (such as finding all the documents with locations within 5km of a given point). Deal with time series data, especially across various times zones. Extending the functionality of RethinkDB and integrate it with third party libraries such as ElasticSearch to enhance our search In Detail RethinkDB has a lot of cool things to be excited about: ReQL (its readable, highly-functional syntax), cluster management, primitives for 21st century applications, and change-feeds. This book starts with a brief overview of the RethinkDB architecture and data modeling, and coverage of the advanced ReQL queries to work with JSON documents. Then, you will quickly jump to implementing these concepts in real-world scenarios, by building real-time applications on polling, data synchronization, share market, and the geospatial domain using RethinkDB and Node.js. You will also see how to tweak RethinkDB's capabilities to ensure faster data processing by exploring the sharding and replication techniques in depth. Then, we'll take you through the more advanced administration tasks as well as show you the various deployment techniques using PaaS, Docker, and Compose. By the time you have finished reading this book, you would have taken your knowledge of RethinkDB to the next level, and will be able to use the concepts in RethinkDB to develop efficient, real-time applications with ease. Style and approach This book is a unique blend of comprehensive theory and real-world examples to help you master RethinkDB.

This is a hands-on book which introduces you to agile JavaScript web and mobile software development using the latest cutting-edge front-end and back-end technologies including: Node.js, MongoDB, Backbone.js, Parse.com, Heroku and Windows Azure. Practical examples include building multiple versions of the Chat app: jQuery + Parse.com JS REST API Backbone and Parse.com JS SDK Backbone and Node.js Backbone and Node.js+ MongoDB The Chat application has all the foundation of a typical web/mobile application: fetching data, displaying it, submitting new data. Other examples in the book are as follows: jQuery + Twitter RESP API "Tweet Analyzer" Parse.com "Save John" MongoDB "Print Collections" Backbone.js "Apple Databases" Monk+ Express.js "REST API Server" This book will save you many hours by providing a hand-picked and tested collection of quick start guides. RPJS has practical examples that allow to spend less time learning and more time building your own applications. Prototype fast and ship code that matters! What You will Learn: You should expect a basic understanding from a collection of quick start guides, tutorials and suggestions for the develOpment apps discussed in this book. In addition to coding examples, the book covers virtually all setup and deployment step-by-step. You`ll learn from the examples of Chat web/ mobile applications starting with front-end components and by the end we`ll put front-end and back-end together and deploy to the production environment. Who This Book Is For: The typical programmer who wants to learn more about effective JavaScript coding.

If you are a Node.js developer who wants to take your Express skills to the next level and develop high performing, reliable web applications using best practices, this book is ideal for you. The only prerequisite is knowledge of Node.js

The Essential Frameworks, Libraries, and Tools to Learn Right Now

Node.js

9 Practical Node.js Projects

Mastering Ruby on Rails

Databases and Information Systems IX

Building Scalable Apps with Redis and Node.js

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.

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Summary Get Programming with Node.js teaches you to build web servers using JavaScript and Node. In this engaging tutorial, you'll work through eight complete projects, from writing the code for your first web server to adding live chat to a web app. Your hands will stay on the keyboard as you explore the most important aspects of the Node development process, including security, database management, authenticating user accounts, and deploying to production. You'll especially appreciate the easy-to-follow discussions, illuminating diagrams, and carefully explained code! Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Node.js delivers the speed and reliability you need for ecommerce, social media, and gaming applications. It comes with thousands of prebuilt packages to help you get started immediately. If you want to use JavaScript on the server, Node.js is your choice. What's inside New features from ES2015 and later Writing asynchronous code Creating data models Debugging JavaScript modules About the Reader Written for front-end web developers with intermediate JavaScript skills. Table of Contents GETTING SET UP Lesson 0 - Setting up Node.js and the JavaScript engine Lesson 1 - Configuring your environment Lesson 2 - Running a Node.js application UNIT 1 - GETTING STARTED WITH NODE.JS Lesson 3 - Creating a Node.js module Lesson 4 - Building a simple web server in Node.js Lesson 5 - Handling incoming data Lesson 6 - Writing better routes and serving external files Lesson 7 - Capstone: Creating your first web application UNIT 2 - EASIER WEB DEVELOPMENT WITH EXPRESS.JS Lesson 8 - Setting up an app with Express.js Lesson 9 - Routing in Express.js Lesson 10 - Connecting views with templates Lesson 11 - Configurations and error handling Lesson 12 - Capstone: Enhancing the Confetti Cuisine site with Express.js UNIT 3 - CONNECTING TO A DATABASE Lesson 13 - Setting up a MongoDB database Lesson 14 - Building models with Mongoose Lesson 15 - Connecting controllers and models Using promises with Mongoose Lesson 16 - Capstone: Saving user subscriptions UNIT 4 - BUILDING A USER MODEL Lesson 17 - Improving your data models Lesson 18 - Building the user model Lesson 19 - Creating and reading your models Lesson 20 - Capstone: Adding CRUD models to Confetti Cuisine Creating controllers UNIT 5 - AUTHENTICATING USER ACCOUNTS Lesson 22 - Adding sessions and flash messages Lesson 23 - Building a user login and hashing passwords Lesson 24 - Adding user authentication Lesson 25 - Capstone: Adding user authentication to Confetti Cuisine UNIT 6 - BUILDING AN API Lesson 26 - Adding an API to your application Lesson 27 - Accessing your API from your application Lesson 28 - Adding API security Lesson 29 - Capstone: Implementing an API UNIT 7 - ADDING CHAT FUNCTIONALITY Lesson 30 - Working with Socket.io Lesson 31 - Saving chat messages Lesson 32 - Adding a chat notification indicator UNIT 8 - DEPLOYING AND MANAGING CODE IN PRODUCTION Lesson 33 - Capstone: Adding a chat feature to Confetti Cuisine Lesson 34 - Deploying your application Lesson 35 - Managing in production Lesson 36 - Testing your application Lesson 37 - Capstone: Deploying Confetti Cuisine

There is no shortage of programming languages and frameworks out there. But in the midst of all this, Ruby on Rails stands out. Despite losing out on the top spot to other contenders, Ruby on Rails has earned for itself a position of repute and a robust user base. Ever since its debut in 2004, Ruby on Rails has rapidly become one of the most impactful and popular tools for building dynamic web applications. Rails owes much of its success to its compact design and the usage of the underlying Ruby language. It effectively creates a domain-specific language for writing web applications. As a result, many common web programming tasks—such as generating HTML, making data models, and routing URLs—are easier with Rails. Although its outstanding capabilities have made Ruby on Rails one of the world's most popular web development frameworks, some might still find it challenging to learn and use. Mastering Ruby on Rails: A Beginner's Guide could be just the right solution for that. Whatever your previous web development experience is, Mastering Ruby on Rails can guide you to true Rails proficiency. It will help you to: Install and set up your Rails development environment Go beyond generated code to build Rails applications from scratch Effectively use the Model-View-Controller (MVC) pattern Master the Ruby programming skills all Rails developers need Define high-quality site layouts and data models Add social features and complicated Rails' inner workings and equip you to tackle complicated projects with solutions that are well-tested, adaptive, and easy to maintain. This book starts by explaining critical points behind object-oriented programming and builds toward creating a full Rails application within a few chapters. By the end of this book, besides in-depth knowledge of Rails, you will also have a basic understanding of many supporting technologies such as SQL, web frameworks, and Integrated Development Environment (IDE). You will be able to quickly grasp the Rails methodology by focusing on the development from the point of view of the beginner-level developer. Additionally, you will be provided with a reliable roadmap for migrating your applications, skill set, and development procedures to the newer, more flexible programming platform that Rails offers. Moreover, learning Rails development independently will let you use all the qualities like creativeness, critical thinking, and project management. Mastering Ruby on Rails serves as a complete guide to exploring Ruby on Rails, expanding your set of skills and experience that will only benefit you throughout your professional life. If you are looking to get into the fascinating world of Rails development, Mastering Ruby on Rails is the right pick for you! Learn more about our other Mastering titles at: https://www.routledge.com/Mastering-Computer-Science/book-series/MCS

Advances in Human Factors and Systems Interaction

Rapid Prototyping with JS

Maine Register Or State Year-book and Legislative Manual from April 1 ... to April 1 ...

Continuous Integration, Delivery, and Deployment

Learn Backbone.js, Node.js and MongoDB

Hello, Startup

Rapid Prototyping with JS: Agile JavaScript Development is a hands-on book which introduces you to agile JavaScript web and mobile software development using the latest cutting-edge front-end and back-end technologies including: Node.js, Backbone.js, MongoDB and others. More information at http://rpjs.co. This book was borne out of [...] and when I started learning Node.js and Backbone.js, I learned the hard way that their official documentation and the Internet lack in quick start guides and examples. Needless to say, it was virtually impossible to find all of the tutorials for JS-related modern technologies in one place. The best way to learn is to do, right? Therefore, I've use [...] to expose myself to the new cool tech. After I was done with the basic apps, I needed some references and organization. I started to write this manual mostly for myself, so I can understand the concepts better and refer to the samples later. Then StartupMonthly and I taught a few 2-day intensive classes on the same subject -- helping [...] development. The manual we used was updated and iterated many times based on the feedback received. The end result is this book. What to Expect A typical reader of RPJS should expect a collection of quick start guides, tutorials and suggestions (e.g., Git workflow). There is a lot of coding and not much theory. All the theory we cover i [...] better understanding of technologies and specific approaches in dealing with them, e.g., JSONP and cross-domain calls. In addition to coding examples, the book covers virtually all setup and deployment step-by-step. You'll learn on the examples of Chat web/mobile applications starting with front-end components. There are a few versions [...] end together and deploy to the production environment. The Chat application contains all of the necessary components typical for a basic web app, and will give you enough confidence to continue developing on your own, apply for a job/promotion or build a startup! Who This Book is For The book is designed for advanced-beginner and inte [...] been (or still is) an expert in other languages like Ruby on Rails, PHP, Perl, Python or/and Java. The type of a developer who wants to learn more about JavaScript and Node.js related techniques for building web and mobile application prototypes fast. Our target user doesn't have time to dig through voluminous (or tiny, at the other extrem [...] is not to make an expert out of a reader, but to help him/her to start building apps as soon as possible. Rapid Prototyping with JS: Agile JavaScript Development, as you can tell from the name, is about taking your idea to a functional prototype in the form of a web or a mobile application as fast as possible. This thinking adheres to the Le [...] valuable to startup founders, but big companies' employees might also find it useful, especially if they plan to add new skills to their resumes. What This Book is Not Rapid Prototyping with JS is neither a comprehensive book on several frameworks, libraries or technologies (or just a particular one), nor a reference for all the tips and trick [...] be publicly available online. Even more so, if you're not familiar with fundamental programming concepts like loops, if/else statements, arrays, hashes, object and functions, you won't find them in Rapid Prototyping with JS.

Databases and information systems are now indispensable for the day-to-day functioning of businesses and society. This book presents 25 selected papers from those delivered at the 12th International Baltic Conference on Databases and Information Systems 2016 (DB&IS 2016), held in Riga, Latvia, in July 2016. Since it began in 1994, the [...] researchers and developers in the field of databases, information systems and related areas, and the papers collected here cover a wide spectrum of topics related to the development of information systems and data processing. These include: the development of ontology applications; tools, technologies and languages for model-driven developme [...] language processing and building linguistic components of information systems; advanced systems and technologies related to information systems, databases and information technologies in teaching and learning. The book will be of interest to all those whose work involves the design, application and use of databases and information sys [...]

???????????!Express+Node/Sails.js/AdonisJS/NestJS+TypeORM/Meteor?5?????????????????!

This book reports on cutting-edge research into innovative system interfaces, highlighting both lifecycle development and human–technology interaction, especially in virtual, augmented and mixed-reality systems. It describes advanced methodologies and tools for evaluating and improving interface usability and discusses new models, as well [...] human, hardware, and software factors in the process of developing interfaces for optimizing total system performance, particularly innovative computing technologies for teams dealing with dynamic environments, while minimizing total ownership costs. It also highlights the forces currently shaping the nature of computing and systems, i [...] portability, which translates to the modern tendency toward hardware miniaturization and technologies for reducing power requirements; the necessity of a better assimilation of computation in the environment; and social concerns regarding access to computers and systems for people with special needs. The book, which is based on the [...] Systems Interaction, held on July 21–25, 2018, in Orlando, Florida, USA, offers a timely survey and practice-oriented guide for systems interface users and developers alike.

Node.js: The Collection

Maine Register, State Year-book and Legislative Manual

Pro Express.js

Easy Guide Book for Beginners. Learn Node.js Framework in 1 Day!

Konzept und Prototyp für eine Software zur Vernetzung von Sensoren und Aktoren

Sails.Js Essentials

Pro Express.js is for the reader who wants to quickly get up-to-speed with Express.js, the flexible Node.js framework. Author Azat Mardan clearly explains how to start developing with Express.js with a basic 'Hello World', and then delves into a deep API reference, before looking at common and abstract development problems. Lastly, you will learn how to build a series of real-world apps in order to cement your knowledge. In order to get the best from this book, you will be familiar with Node.js scripts and able to install packages using npm. In the deep API reference, each aspect of the Express.js API is explained clearly with a simple exercise to demonstrate its usage. This includes configuration, settings and environments; different middleware and its uses; templating engines; extracting parameters and routing; request and response; error handling; and running an app. In the next part you'll delve into abstraction, streams, authentication, multithreading, Socket.io, security, and more complex modules. You will also learn about smaller frameworks built using Express.js, such as Sails.js, and Derby. Finally you'll build real-world apps including a REST API, Todo App, and Instagram gallery. Express.js is used by a range of well-known companies such as MySpace and Storify, and it's becoming more and more likely that it'll be a required skill for new developers. With this book you can skip learning via complicated documentation, and get the information from a developer who's been using Express.js for long enough to explain things well. Add Pro Express.js to your library today.

Use two popular web development stacks, Node.js and MongoDB, to build full-featured web applications About This Book Learn the new ECMAScript along with Node 8 and MongoDB to make your application more effective. Get the up-to-date information required to launch your first application prototype using the latest versions of Node.js and MongoDB. A practical guide with clear instructions to designing and developing a complete web application from start to finish using trending frameworks such as angular4 and hapi Who This Book Is For The book is designed for JavaScript developers of any skill level who 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 prerequisite for this book. What You Will Learn Work with Node.js building blocks 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 Automate test cases using Gulp Reduce your web development time by integrating third-party tools for web interaction. Deploy a 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 builds fast, scalable network applications while MongoDB is the perfect fit as a high-performance, open source NoSQL database solution. The combination of these two technologies offers high performance and scalability and helps in building fast, scalable network applications. Together they provide the power for manage any form of data as well as speed of delivery. This book will help you to get these two technologies working together to build web applications quickly and easily, with effortless deployment to the cloud. You will also learn about angular 4, which consumes pure JSON APOIs from a hapi server. The book begins by setting up your development environment, running you 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 to interact with web apps. You will see how to use controllers and view models to generate reusable code that will reduce development time. Toward the end, the book supplies tests to properly execute your code and take your skills to the next level with the most popular frameworks for developing web applications. By the end of the book, you will have a running web application developed with MongoDB, Node.js, and some of the most powerful and popular frameworks. Style and approach A practical guide with clear instructions to designing and developing a complete web application from start to finish

If you are a web application developer who wants to use the OpenShift platform to host your next big idea but are looking for guidance on how to achieve this, then this book is the first step you need to take. This is a very accessible cookbook where no previous knowledge of OpenShift is needed.

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 lanaguages, 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.

The Engineer

Reports of Cases Relating to Maritime Law

Bachelorarbeit von Daniel Budick

Sails.js in Action

Mastering Web Application Development with Express

A Programmer's Guide to Building Products, Technologies, and Teams

Enrich your software design skills and take a guided tour of the wild, vast, and untamed frontier that is JavaScript development. Especially useful for frontend developers, this revision includes specific chapters on React and VueJS, as well as an updated one on Angular. To help you get the most of your new skills, each chapter also has a "further reading" section. T... introduction to both new and well established libraries and frameworks, such as Angular, VueJS, React, Grunt, Yeoman, RequireJS, Browserify, Knockout, Kraken, Async.js, Underscore, and Lodash. It also covers utilities that have gained popular traction and support from seasoned developers and tools applicable to the entire development stack, both client- and server... can possibly cover every JavaScript library of value, JavaScript Frameworks for Modern Web Development focuses on incredibly useful libraries and frameworks that production software uses. You will be treated to detailed analyses and sample code for tools that manage dependencies, structure code in a modular fashion, automate repetitive build tasks, create spe... side applications, facilitate horizontal scaling, and interacting with disparate data stores. What You'll LearnWork with a variety of JavaScript frameworks, such as Angular, Vue, React, RequireJS, Knockout, and more Choose the right framework for different types of projects Employ the appropriate libraries and tools in your projects Discover useful JavaScript develop... Yeoman, Lodash, etc. Who This Book Is For Web developers of all levels of ability: particularly relevant for front-end developers, server-side coders, and developers interested in learning JavaScript.

Get up to speed with Sails.js development with this fast-paced tutorialAbout This Book- Gain expertise in building web apps with Sails.js- Develop apps such as real-time chat app and more in no time- Helps you understand how MVC framework works in Node.js and how to make it work for youWho This Book Is ForThis book is for web developers who want to build... Sails.jsProficiency with JavaScript and Node.js is assumed, as well as familiarity with web development concepts. Familiarity with the MEAN (Mongo, Express, Angular, and Node) stack would be an added advantage.What You Will Learn- Find out to quick-start Sails.js and develop production-ready apps- Understand how to apply the MVC model of software developme... Discover how to write quality code using Sails.js- Integrate third-party APIs and databases such Mongo and MySQL in Sails.js- Get to know the advantages and importance of the MVC framework in software developmentIn DetailSails.js makes it easy to build custom, enterprise-grade Node.js apps. It is designed to emulate the familiar MVC pattern of frameworks, b... requirements of modern apps: data-driven APIs with a scalable, service-oriented architecture.This book will provide practical examples to get you started with Sails.js and get you develop production-ready apps in no time. We will take you from a Node.js web server and single threading system to a general MVC architecture. You will then learn to develop application... familiar with using Sails.js. Finally, we will show you how to create a chat app and a to-do application, and improve code quality using JSHINT and JSCS.Style and approachThis practical and easy-to-follow yet comprehensive guide will help you get to grips with the Sails.js framework. Each topic is explained and placed in context, and for the more inquisitive, there ar... used.

This book is the "Hello, World" tutorial for building products, technologies, and teams in a startup environment. It's based on the experiences of the author, Yevgeniy (Jim) Brikman, as well as interviews with programmers from some of the most successful startups of the last decade, including Google, Facebook, LinkedIn, Twitter, GitHub, Stripe, Instagram, AdMob, Pi... Startup is a practical, how-to guide that consists of three parts: Products, Technologies, and Teams. Although at its core, this is a book for programmers, by programmers, only Part II (Technologies) is significantly technical, while the rest should be accessible to technical and non-technical audiences alike. If you're at all interested in startups—whether you're a pro... career, a seasoned developer bored with large company politics, or a manager looking to motivate your engineers—this book is for you.

While there have been quite a few attempts to get JavaScript working as a server-side language, Node.js (frequently just called Node) has been the first environment that's gained any traction. It's now used by companies such as Netflix, Uber and Paypal to power their web apps. Node allows for blazingly fast performance: thanks to its event loop model, common t... database I/O can be executed very quickly indeed. In this book, we offer a selection of nine different practical projects that you can follow along with. It contains: Build a Simple Beginner App with Node, Bootstrap & MongoDB by James Hibbard How to Build a File Upload Form with Express and Dropzone.js by Lukas White How to Build and Structure a Node.js MVC ... User Authentication with the MEAN Stack by Simon Holmes & Jeremy Wilken Build a JavaScript Command Line Interface (CLI) with Node.js by Lukas White & Michael Wanyoike Building a Real-time Chat App with Sails.js by Michael Wanyoike Passport Authentication for Node.js Applications by Paul Orac Local Authentication Using Passport in Node.js by Paul Orac An In... Patrick Catanzariti This book is for anyone who wants to start learning server-side development with Node.js. Familiarity with JavaScript is assumed.

Node.js in Action

Merchant Sail

Reliable and faster software releases with automating builds, tests, and deployment

Handbook of Cultural Developmental Science

Node.js

Web Development with MongoDB and Node

Summary 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. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from 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

Vols. for 19 include Classified business directory of the entire state.

While there have been quite a few attempts to get JavaScript working as a server-side language, Node.js (frequently just called Node) has been the first environment that's gained any traction. It's now used by companies such as Netflix, Uber and Paypal to power their web apps. Node allows for blazingly fast performance; thanks to its event loop model, common tasks like network connection and database I/O can be executed very quickly indeed. From a beginner's point of view, one of Node's obvious advantages is that it uses JavaScript, a ubiquitous language that many developers are comfortable with. If you can write JavaScript for the client-side, writing server-side applications with Node should not be too much of a stretch for you. This collection contains three books that will help get you up and running with Node. It contains: Your First Week With Node.js, which will get started using Node, covering all of the basics. 9 Practical Node.js Projects, which offers a selection of hand-on practical projects to develop your skills. Node.js: Related Tools & Skills, which outlines essential tools and skills that all Node developers should know.

In dieser Arbeit wurde die Konzeption für eine Software zur Vernetzung von Hardwarebauteilen beschrieben und die Dokumentation zum Prototyp der Selbigen dargelegt. Der Name der Software ist Ventanilla. Wesentliche Eigenschaften der Software sollen sein: Einfachheit, Anwendbarkeit, Skalierbarkeit, Ausfallsicherheit und Erweiterbarkeit. Teil des Prototyps ist eine Android-App und ein Server geschrieben in Node.js.

Being a Complete Epitome of Navigation: to which are Added, All the Tables Requisite for Determining the Latitude and Longitude at Sea: Containing the Different Kinds of Sailing, and Necessary Corrections for Lee-way, Variation, &c. Exemplified in a Journal at Sea ... The Whole Illustrated with Engravings ...

The New Practical Navigator

Master Express.js: The Node.js Framework For Your Web Development

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A Beginner's Guide

Researchers and theoreticians commonly acknowledge the profound impact of culture on all aspects of development. However, many in the field are often unaware of the latest cultural literatures or how development proceeds in places other than their home locations. This comprehensive handbook covers all domains of developmental science from a cultural point of view and in all regions of the globe. Part 1 covers domains of development across cultures, and Part 2 focuses on development in different places around the world. The Handbook documents child and caregiver characteristics associated with cultural variation, and it charts relations between cultural and developmental variations in physical, mental, emotional, and social development in children, parents, and cultural groups. This contemporary and scholarly resource of culture in development covers theoretical, methodological, substantive, and ethnic issues as well as geographic approaches. Each chapter includes an introduction, historical and demographic considerations, theory, an overview of the most important classical and modern research studies, recommended future directions in theory and research, and a conclusion. The chapters focus on children from the prenatal stage through adolescence. Interdisciplinary in nature, the Handbook will appeal to human development theoreticians, researchers, and students in psychology, education, and pediatrics. Ideal for those new to the field, readers will appreciate the plethora of cultural examples from all fields of child and human development and developmental examples from all fields of cultural study.

Sails.js in ActionSimon and Schuster

Learn Full Stack Development (Frontend, Backend, APIs and Mobile App) with Python, PHP, Node.js, React Native and MongoDB KEY FEATURES ● Covers full stack development from start to finish, including frontend, backend, API and mobile app development. ● Includes well-known programming environments such as Node.js, React Native, Python, and PHP. ● Practical examples, crisp code, and detailed screenshots are provided for every chapter. DESCRIPTION Full-Stack Development with MongoDB and Scaling Your Expertise to Web and Mobile App Development is the goal of this book. Starting with the basics, the book will assist any programmer and developer and those who deal with NodeJS, PHP, Python and React Native in setting up their working environment with MongoDB. Various full-stack configurations of libraries and frameworks for mobile and web applications are covered in length in this book. REST API, CRUD operations are also explained in a detailed manner. The skills you learn to use PHP, ExpressJS, NodeJS, Python and React Native become increasingly solid as time goes on. Everything in this book has been explained so that, once you begin working on the practical development while reading it, you will be more experienced in software development, both in web and mobile technologies, when you finish reading it. WHAT YOU WILL LEARN ● Gain exposure to all of the fundamental concepts of Full Stack Development. ● Run to perform PHP and MongoDB CRUD operations. ● Learn how to build RESTFul APIs. ● Acquire expertise with popular web technologies such as Node.js, Express.js, Python and Django Framework. ● Work with React Native and develop mobile applications based on MongoDB. WHO THIS BOOK IS FOR This book is for individuals interested in learning Full Stack Development with MongoDB and expanding their expertise to design web and mobile applications with MongoDB. Readers with a working knowledge of MongoDB and any programming language can make maximum use of the book. TABLE OF CONTENTS Full Stack development with MongoDB Software Development Basic Topics 1. Client and Server Side Concepts and Introduction to MongoDB Drivers 2. Data Addition using MongoDB Compass Full Stack development with MongoDB Software Development Intermediate Topics 3. Starting up Programming with MongoDB and PHP 4. Starting up Programming with MongoDB and JavaScript (Node.js) 5. Starting up Programming with MongoDB and React Native 6. Starting up Programming with MongoDB and Python 7. Full Stack Development using MongoDB Full Stack Development with MongoDB Software Development Advanced Topics 8. MongoDB Step by Step Practical Application Development Using PHP 9. MongoDB Step by Step Practical Application Development Using JavaScript (Node.js with Express.js) 10. MongoDB Step by Step Practical Mobile App Development Using React Native 11. MongoDB Step by Step Practical Web Development Using Python

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.

Full Stack JavaScript

Proceedings of the AHFE 2018 International Conference on Human Factors and Systems Interaction, July 21-25, 2018, Loews Sapphire Falls Resort at Universal Studios, Orlando, Florida, USA
Node. Js
Agile JavaScript Development
Node.js в действии. 2-е издание
OpenShift Cookbook

This doctoral thesis reports on an innovative data repository offering adaptive metadata management to maximise information sharing and comprehension in multidisciplinary and geographically distributed collaborations. It approaches metadata as a fluid, loosely structured and dynamical process rather than a fixed product, and describes the development of a novel data management platform based on a schemaless JSON data model, which represents the first fully JSON-based metadata repository designed for the biomedical sciences. Results obtained in various application scenarios (e.g. integrated biobanking, functional genomics and computational neuroscience) and corresponding performance tests are reported on in detail. Last but not least, the book offers a systematic overview of data platforms commonly used in the biomedical sciences, together with a fresh perspective on the role of and tools for data sharing and heterogeneous data integration in contemporary biomedical research.

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Over recent years there has been major investment in research infrastructure to harness the potential of routinely collected health data. In 2013, The Farr Institute for Health Informatics Research was established in the UK, undertaking health informatics research to enhance patient and public health by the analysis of data from multiple sources and unleashing the value of vast sources of clinical, biological, population and environmental data for public benefit. The Medical Informatics Europe (MIE) conference is already established as a key event in the calendar of the European Federation of Medical Informatics (EFMI); The Farr Institute has been establishing a conference series. For 2017, the decision was made to combine the power and established reputational excellence of EFMI with the emerging and innovative research of The Farr Institute community to create 'Informatics for Health 2017', a joint conference that creates a scientific forum allowing these two communities to share knowledge, insights and experience, advance cross-disciplinary thinking, and stimulate creativity.This book presents the 116 full papers presented at that conference, held in Manchester, UK in April 2017. The papers are grouped under five headings: connected and digital health; health data science; human, organisational, and social aspects; knowledge management; and quality, safety, and patient outcomes, and the book will be of interest to all those whose work involves the analysis and use of data to support more effective delivery of healthcare.

Related Tools and Skills
Mastering RethinkDB
Build fast web applications for handling any kind of data
Full Stack Development with MongoDB
Biomedical Research and Integrated Biobanking: An Innovative Paradigm for Heterogeneous Data Management
Informatics for Health: Connected Citizen-Led Wellness and Population Health