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Node.js, MongoDB, and AngularJS Web Development

2014-06-05

the definitive guide to building javascript based applications from server to browser node js mongodb and angularjs are three new web development technologies that together provide an easy to implement fully integrated web development stack node js is a leading server side programming environment mongodb is the most popular nosql database and angularjs is quickly becoming the leading framework for mvc based front end development together they allow web programmers to create high performance sites and applications built completely in javascript from server to client node js mongodb and angularjs development is a complete guide for web programmers who want to integrate these three technologies into full working solutions it begins with concise crystal clear tutorials on each of the three technologies and then quickly moves on to building several common web applications readers will learn how to use node js and mongodb to build more scalable high performance sites how to leverage angularjs s innovative mvc approach to structure more effective pages and applications and how to use all three together to deliver outstanding next generation solutions

Write Modern Web Apps with the MEAN Stack

2014-09-24

traditionally web applications have been architected so that the back end houses all the front end code this has resulted in heavy projects that are difficult to manage and scale this book will explain a new way to write web applications by treating the front end as if it were a third party such as a mobile client this book written by a practicing mean developer will take a holistic approach to using the mean javascript platform for creating modern web applications and lay out how to use the mean mongo express angularjs and node js set of tools to create a web application from installation and setup of the tools to debugging and deploying your app after an introduction to how web development is changing and the advantages of using the mean stack the author jumps into an introduction to each tool and then dives into using the complete javascript based application stack to build test and deploy apps

Full Stack JavaScript Development With MEAN

2014-12-24

with modern tools it is possible to create a production grade full stack application using html css and javascript alone the combination of mongodb express angularjs and node js has become so popular that it has earned the title mean stack the subject of this book this book explores the mean stack in detail we will begin by covering node js as it will lay the groundwork for all of our server side work you will learn how to get node running on your local machine as well as download modules using npm the key aspects of the node js programming model will also be covered from there we will move on to mongodb where you ll learn how to interact with mongo from a node application you will also learn how to create retrieve update and delete data from a mongo store after you have a solid grasp on node and mongo the book will move on to the express web server we ll cover the basics of express applications via topics like routes and middleware building on previous chapters we will cover the integration of node mongo and express our coverage of the mean stack will wrap up with several chapters on angularjs these chapters will cover angular fundamentals like data binding directives controllers routing and services in an effort to explore competing technologies a slight introduction to ember js will also be provided full stack javascript is not fully encompassed by the mean stack there is an entire ecosystem of javascript tools to learn about and this book will introduce a few of them we will cover task runners gulp js and grunt js which are extremely useful for automating mundane repetitive tasks we ll also cover jshint a linting tool used to improve code quality linting tools analyze source code and report potentials issues a feature that is especially useful in non compiled languages like javascript

Getting MEAN with Mongo, Express, Angular, and Node

2019-04-22

summary getting mean second edition teaches you how to develop full stack web applications using the mean stack this edition was completely revised and updated to cover mongodb 4 express 4 angular 7 node 11 and the latest mainstream release of javascript es2015 purchase of the print book includes a free ebook in pdf kindle and epub formats from manning publications about the

technology juggling languages mid application can radically slow down a full stack web project the mean stack mongodb express angular and node uses javascript end to end maximizing developer productivity and minimizing context switching and you ll love the results mean apps are fast powerful and beautiful about the book getting mean second edition teaches you how to develop full stack web applications using the mean stack practical from the very beginning the book helps you create a static site in express and node expanding on that solid foundation you ll integrate a mongodb database build an api and add an authentication system along the way you ll get countless pro tips for building dynamic and responsive data driven web applications what s inside mongodb 4 express 4 angular 7 and node js 11 mean stack architecture mobile ready web apps best practices for efficiency and reusability about the reader readers should be comfortable with standard web application designs and es2015 style javascript about the author simon holmes and clive harber are full stack developers with decades of experience in javascript and other leading edge web technologies table of contents part 1 setting the baseline introducing full stack development designing a mean stack architecture part 2 building a node web application creating and setting up a mean project building a static site with node and express building a data model with mongodb and mongoose writing a rest api exposing the mongodb database to the application consuming a rest api using an api from inside express part 3 adding a dynamic front end with angular creating an angular application with typescript building a single page application with angular foundations building a single page application with angular the next level part 4 managing authentication and user sessions authenticating users managing sessions and securing apis using an authentication api in angular applications

Node.js, MongoDB and Angular Web Development

2017-10-11

node js mongodb and angular development the definitive guide to using the mean stack to build web applications node js is a leading server side programming environment mongodb is the most popular nosql database and angular is the leading framework for mvc based front end development together they provide an easy to implement fully integrated web development stack that allows web programmers to create high performance sites and applications built completely in javascript from server to client updated for angular 2 angular 4 and subsequent versions this new edition of node js mongodb and angular development shows you how to integrate these three technologies into complete working solutions it begins with concise crystal clear tutorials on each technology and then quickly moves on to building common web applications you ll learn how to use node js and mongodb to build more scalable high performance sites how to leverage angular s innovative mvc approach to structure more effective pages and applications and how to use all three together to deliver outstanding next generation solutions implement a highly scalable and dynamic web server using node js and express implement a mongodb data store for your web applications access and interact with mongodb from node js javascript code learn the basics of typescript define custom angular directives that extend the html language build server side web services in javascript implement client side services that can interact with the node js web server build dynamic browser views that provide rich user interaction add authenticated user accounts and nested comment components to your web applications and pages contents at a glance part i getting started 1 introducing the node js to angular stack 2 javascript primer part ii learning node js 3 getting started with node js 4 using events listeners timers and callbacks in node js 5 handling data i o in node js 6 accessing the file system from node js 7 implementing http services in node js 8 implementing socket services in node js 9 scaling applications using multiple processors in node js 10 using additional node js modules part iii learning mongodb 11 understanding nosql and mongodb 12 getting started with mongodb 13 getting started with mongodb and node js 14 manipulating mongodb documents from node js 15 accessing mongodb from node js 16 using mongoose for structured schema and validation 17 advanced mongodb concepts part iv using express to make life easier 18 implementing express in node js 19 implementing express middleware part v learning angular 20 jumping into typescript 21 getting started with angular 22 angular components 23 expressions 24 data binding 25 built in directives part vi advanced angular 26 custom directives 27 events and change detection 28 implementing angular services in applications 29 creating your own custom angular services 30 having fun with angular

Node.js+MongoDB+AngularJS Web Kai fa

2015

annotation traditionally web applications have been architected so that the back end houses all the front end code this has resulted in heavy projects that are difficult to manage and scale this book will explain a new way to write web applications by treating the front end as if it were a third party such as a mobile client this book written by a practicing mean developer will take a holistic approach to using the mean javascript platform for creating modern web applications and lay out how to use the mean mongo express angularjs and node js set of tools to create a web application from installation and setup of the tools to debugging and deploying your app after an introduction to how web development is changing and the advantages of using the mean stack the author jumps into an introduction to each tool and then dives into using the complete javascript based application stack to build test and deploy apps

Getting MEAN With Mongo, Express, Angular, and Node

2016

unlock the power of the mean stack by creating attractive and real world projects about this book learn about the different components that comprise a mean application to construct a fully functional mean application using the best third party modules a step by step guide to developing the mean stack components from scratch to achieve maximum flexibility when building an e commerce application build optimum end to end web applications using the mean stack who this book is for this learning path is for web developers who are experienced in developing applications using javascript this course is for developers who are interested in learning how to build modern and multiple web applications using mongodb express angularjs and node js what you will learn build modern end to end web applications by employing the full stack web development solution of mean connect your express application to mongodb and use a mongoose model and build a complex application from start to finish in mongodb employ angularjs to build responsive ui components implement multiple authentication strategies such as oauth jsonwebtoken and sessions enhance your website s usability with social logins such as facebook twitter and google secure your app by creating ssl certificates and run payment platforms in a live environment implement a chat application from scratch using socket io create distributed applications and use the power of server side rendering in your applications extend a project with a real time bidding system using websockets in detail the mean stack is a collection of the most popular modern tools for web development this course will help you to build a custom e commerce app along with several other applications you will progress to creating several applications with mean the first module in this course will provide you with the skills you need to successfully create maintain and test a mean application starting with mean core frameworks this course will explain each framework key concepts of mongodb express angularjs and node js we will walk through the different tools and frameworks that will help expedite your daily development cycles after this the next module will show you how to create your own e commerce application using the mean stack it takes you step by step through the parallel process of learning and building to develop a production ready high quality e commerce site from scratch it also shows you how to manage user authentication and authorization check multiple payment platforms add a product search and navigation feature deploy a production ready e commerce site and finally add your own high quality feature to the site the final step in this course will enable you to build a better foundation for your angularjs apps you ll learn how to build complex real life applications with the mean stack and a few more advanced projects you will become familiar with websockets build real time web applications create auto destructing entities and see how to work with monetary data in mongo you will also find out how to a build real time e commerce application this learning path combines some of the best that packt has to offer in one complete curated package it includes content from the following packt products mean development by amos haviv building an e commerce application with mean by adrian mejia mean blueprints by robert onodi style and approach this course will begin with the introduction to mean gradually progressing with building applications in each framework each transition is well explained and each chapter begins with the required background knowledge

Write Modern Web Apps with the MEAN Stack

2014

write free open source cross platform dynamic javascript applications that can run anywhere using the mean stack mongodb expressjs angularjs and node js with this book mac developers will get the tools needed to set up write code once and be able to deploy code on any device you will be able to cut development time by using one stack to serve all your development needs pro mean stack development enables you to quickly learn everything needed to work effectively with mean from setting up your toolstack to rolling out your free servers and deploying on any device you will also learn to build scripts with grunt and gulp webpack and vagrant and how to deploy to the web and mobile using phonegap harness javascript to create dynamic and easily maintainable applications fast and 100 free master the mean stack with this book today what you will learn utilize javascript for the entire development cycle from front end to back end database and deployment learn to write responsive code that can be deployed on any device become a well rounded developer and be able to understand the entire development cycle learn to utilize free open source and cloud services to deploy production grade code who this book is for front or back end mac developers familiar with javascript and interested in utilizing the mean stack to deploy successful apps on all devices

Web Application Development with MEAN

2016-10-28

develop your real time mean application efficiently using a combination of mongodb express angular and node about this book construct a fully functional mean application by using its components along with the best third party modules harness the power of the javascript ecosystem to effectively run build and test your mean application gain a deep practical understanding of real time web application development through real world examples who this book is for if you are a javascript developer who is interested in building modern web applications using mongodb express angular 2 and

node 5 0 then this book is for you you only need knowledge of javascript development what you will learn use mongodb to store and retrieve your application s data connect your express application to mongodb and use the mongoose module manage your users authentication and offer them diverse login options using passport structure and use an angular 2 application in your mean project use socket io to create real time communication between your client and server test your application s express and angular 2 entities in detail the mean stack is a collection of the most popular modern tools for web development that helps you build fast robust and maintainable web applications starting with the mean core frameworks this pragmatic guide will explain the key concepts of each framework how to set them up properly and how to use popular modules to connect it all together by following the real world examples shown in this tutorial you will scaffold your mean application architecture add an authentication layer and develop an mvc structure to support your project development you will learn the best practices of maintaining clear and simple code and will see how to avoid common pitfalls finally you will walk through the different tools and frameworks that will help expedite your daily development cycles watch how your application development grows by learning from the only guide that is solely orientated towards building a full end to end real time application using the mean stack style and approach this comprehensive guide covers every part of the mean stack and focuses on the gestalt power of the apps they can create through practical real world examples

Pro MEAN Stack Development

2016-12-01

learning angularjs get started with angularjs web development fast angularjs is one of the most exciting and innovative new technologies emerging in the world of web development designed to simplify the development and testing of web applications it also provides structure for the entire development process websites are no longer simple static content instead websites have become much more dynamic with a single page often serving as the entire site or application and angularjs allows web developers to build the necessary programming logic for such applications directly into a web page binding the data model for the client web application to backend services and databases angularjs also allows the extension of html so that the ui design logic can be expressed easily in an html template file learning angularjs shows you how to create powerful interactive web applications that have a well structured reusable code base that will be easy to maintain you ll also learn how to leverage angularjs s innovative mvc approach to implement well designed and well structured web pages and web applications understand how angularjs is organized and learn best practices for designing angularjs applications find out how to define modules and utilize dependency injection quickly build angularjs templates with built in directives that enhance the user experience bind ui elements to your data model so changes to your model and ui occur automatically in tandem define custom angularjs directives that extend html implement zoomable images expandable lists and other rich ui components implement client side services that interact with web servers build dynamic browser views to provide even richer user interaction create custom services you can easily reuse design unit and end to end tests for angularjs applications contents at a glance 1 jumping into javascript setting up a javascript development environment using node js defining variables understanding javascript data types using operators implementing looping creating functions understanding variable scope using javascript objects manipulating strings working with arrays adding error handling 2 getting started with angularjs why angularjs understanding angularjs an overview of the angularjs life cycle separation of responsibilities integrating angularjs with existing javascript and jquery adding angularjs to your environment bootstrapping angularjs in an html document using the global apis creating a basic angularjs application using jquery or jquery lite in angularjs applications 3 understanding angularjs application dynamics looking at modules and dependency injection defining an angularjs module object creating providers in angularjs modules implementing providers and dependency injection applying configuration and run blocks to modules 4 implementing the scope as a data model understanding scopes implementing scope hierarchy 5 using angularjs templates to create views understanding templates using expressions using filters creating custom filters 6 implementing directives in angularjs views understanding directives using built in directives 7 creating your own custom directives to extend html understanding custom directive definitions implementing custom directives 8 using events to interact with data in the model browser events user interaction events adding watches to track scope change events emitting and broadcasting custom events 9 implementing angularjs services in applications understanding angularjs services using the built in services using the q service to provide deferred responses 10 creating your own custom angularjs services understanding custom angularjs services integrating custom services into your angularjs applications 11 creating rich application components the angularjs way building a tabbed view implementing draggable and droppable elements 204 adding a zoom view field to images implementing expandable and collapsible elements adding star ratings to elements a testing angularjs applications deciding on a testing platform understanding angularjs unit tests understanding angularjs end to end testing

MEAN Web Development

2016-11-30

get started with speed building angularjs applications and scale up to a full stack web application using the existing angularjs framework without the trouble of migrating to angular 2 about this book follow the best practices of the framework to organize and modularize your application get to grips with angular s model view controller architecture create application modules with maximum

reusability and extensibility structure and use angularjs applications in your mean project in your mean project who this book is for this course is for people who want to discover how they can improve their current web applications with the existing version of angular without having to worry much about migrating to angularjs 2 what you will learn install and set up the angularjs framework create your own full featured and robust angularjs web apps create reusable directives and then extend the behavior of html on your web page optimize and maintain your web applications create more powerful full stack web applications that draw on the combined power of angularjs node js mongodb and express in the mean stack in detail the angularjs course is a journey to help you improve and scale your current web applications with the existing version of angular without having to worry about migration to angular 2 the course is divided into four modules the first part angularjs essentials is like a practical guide filled with many step by step examples that will lead you through the best practices of angularjs after a brief introduction you will learn how to create reusable components with directives you will then take a look at many data handling techniques discover a complete set of technologies that are capable to accomplish any challenge related to present transform and validate data on the user s interface finally you will discover the best way to deal with the scope and how to break up the application into separate modules giving rise to reusable and interchangeable libraries with this you ve crossed a milestone and are about to enter the world of learning by example in the next part learning angularjs by example you will learn how to effectively build apps using the angularjs platform you will be building multiple apps on this platform ranging from simple ones to more complex ones in this module you will roll up your coding sleeves and create a serious angularjs application by example a rich featured workout app take the coding a step at a time at first then once you re coding a full app in this module a lot of angularjs will fall right into place for you the third module angularjs application development cookbook will get you accustomed to the angularjs concept armed with a solid understanding of how it works insight into the best ways to wield it in real world applications and annotated code examples it is a rich library of angularjs coding solutions that you can use straight away in your own code projects you are just a step away from completing this learning path of angularjs the name of the next part mean development itself assures that you are nearing the destination the idea is simple with this part you ll take mongodb as the database express as the web framework angularjs as the frontend framework and node js as the platform and combine them together in a modular approach that will ensure the flexibility needed in modern software development this is also your graduation to full stack web development which can open many new coding and career opportunities for you style and approach get up to speed building angularjs applications then improve and scale full stack web applications using the existing angularjs framework without the trouble of migrating to angular 2

Learning AngularJS

2014-11-28

assemble the complete stack required to build a modern web app using react mongodb a nosql database and express a framework for web application servers which runs on node javascript on the server side complement react very nicely this book will also cover many other tools that go into building a complete web application react router react bootstrap redux babel and webpack though the primary focus of pro mern stack is to equip you with all that is required to build a full fledged web application a large portion of the book will be devoted to react the popular mean mongodb express angularjs node stack introduced single page apps spas and front end model view controller mvc as new and efficient paradigms but it has its shortcomings such as lack of support for seo friendly server side rendering and being too prescriptive by being a framework facebook s react is a technology that competes indirectly with angularjs it is not a full fledged mvc framework it is a javascript library for building user interfaces in some sense the view part yet it is possible to build a web app by replacing angularjs with react hence the term mern stack what you will learn discover the details of react the react way and how to get the maximum out of this library see the basics of mongodb express and node enough to build a web app work with other tools complementary to react including react bootstrap and react router use the tools required to build javascript based spas tie all the components together to build a complete web app who this book is for developers and architects who have prior experience in any web app stack other than the mern stack will find the book useful to learn about this modern stack prior knowledge of javascript html and css is required

AngularJS: Maintaining Web Applications

2016-04-22

assemble the complete stack required to build a modern web app using mongodb express react and node this book also covers many other complementary tools react router graphql react bootstrap babel and webpack this new edition will use the latest version of react react 16 and the latest react router react router 4 which has a significantly different approach to routing compared to react router 2 which was used in the first edition of the book though the primary focus of pro mern stack is to equip you with all that is required to build a full fledged web application a large portion of the book will be devoted to react 16 the popular mean mongodb express angularjs node stack introduced single page apps spas and front end model view controller mvc as new and efficient paradigms facebook s react is a technology that competes indirectly with angularjs it is not a full fledged mvc framework it is a javascript library for building user interfaces in some sense the view part yet it is possible to build a web app by replacing angularjs with react hence the term mern stack what you will learndiscover the features of react 16 to get the maximum out of this library gain the basics of mongodb express and node to build a web app work with other libraries complementary to react including react bootstrap react router and graphql use tools such as babel and webpack required to

build javascript based spas tie all the components together to build a complete web app who this book is for developers and architects who have prior experience in any web app stack other than the mern stack will find the book useful to learn about this modern stack prior knowledge of javascript html and css is required

Pro MERN Stack

2017-03-02

本书 full stack mean mongodb express angularjs node js mean mean mongodb express angularjs node js mean

Pro MERN Stack

2019-05-11

nosql database usage is growing at a stunning 50 per year as organizations discover nosql s potential to address even the most challenging big data and real time database problems every nosql database is different but one is the most popular by far mongodb now in just 24 lessons of one hour or less you can learn how to leverage mongodb s immense power each short easy lesson builds on all that s come before teaching nosql concepts and mongodb techniques from the ground up sams teach yourself nosql with mongodb in 24 hours covers all this and much more learning how nosql is different when to use it and when to use traditional rdbmses instead designing and implementing mongodb databases of diverse types and sizes storing and interacting with data via java php python and node js mongoose choosing the right nosql distribution model for your application installing and configuring mongodb designing mongodb data models including collections indexes and gridfs balancing consistency performance and durability leveraging the immense power of map reduce administering monitoring securing backing up and repairing mongodb databases mastering advanced techniques such as sharding and replication optimizing performance

MongoDB+Express+AngularJS+Node.js

2017-10-01

unlock the power of the mean stack by creating attractive and real world projects about this book build six optimum end to end web applications using the m e a n stack follow the advanced angular js 2 application structure to build more scalable and maintainable apps integrate an authorization system into your application and reuse existing code from projects who this book is for if you are a web developer with a basic understanding of the mean stack experience in developing applications with javascript and basic experience with nosql databases then this book is for you what you will learn build modern end to end web applications by employing the full stack web development solution of mean learn nosql databases and separate the client logic from the server code build a complex application from start to finish and work with monetary data in mongodb handle a multi user type system and authorize your users to access control list implement a chat application from scratch using socket io create distributed applications and use the power of server side rendering in your applications extend a project with a real time bidding system using websockets in detail the mean stack is a combination of the most popular web development frameworks available mongodb angular express and node js used together to offer a powerful and comprehensive full stack web development solution it is the modern day web dev alternative to the old lamp stack it works by allowing angularjs to handle the front end and selecting mongo express and node to handle the back end development which makes increasing sense to forward thinking web developers the mean stack is great if you want to prototype complex web applications this book will enable you to build a better foundation for your angularjs apps each chapter covers a complete single advanced end to end project you ll learn how to build complex real life applications with the mean stack and few more advanced projects you will become familiar with websockets and build real time web applications as well as create auto destructing entities later we will combine server side rendering techniques with a single page application approach you ll build a fun project and see how to work with monetary data in mongo you will also find out how to a build real time e commerce application by the end of this book you will be a lot more confident in developing real time complex web applications using the mean stack style and approach this book is filled with independent hands on projects that teach you how to build real life end to end complex web applications using the mean stack

NoSQL with MongoDB in 24 Hours, Sams Teach Yourself

2014-08-21

with angularjs you can quickly build client side applications that run well on any desktop or mobile platform using rest web services for backend processes you may have heard that the learning curve for this javascript mvc framework is too steep but that s not the case this practical guide provides a hands on approach to learning angularjs that will have you building high quality applications and websites in no time along with a conceptual understanding of the framework you ll also gain direct experience with angularjs by building a sample application throughout the book if you re familiar with javascript web development and software design concepts and patterns this book is the perfect way to get started understand how angularjs differs from other mvc frameworks learn about angularjs controllers views and models by diving into the book s sample project connect your working application to public rest services build the application s security layer with non rest angularjs services explore the basics of building and testing angularjs directives use angularjs as part of the mean stack mongodb expressjs angularjs and node js discover how search engine optimization relates to angularjs applications and sites

MEAN Blueprints

2016-05-30

os stacks tradicionais de web usam linguagens de programação diferentes em cada camada resultando em uma confusão complexa de códigos e frameworks juntos o banco de dados mongodb os frameworks express e angularjs mais o node js constituem o stack mean uma plataforma poderosa que usa apenas uma linguagem o javascript de ponta a ponta os desenvolvedores e as empresas o idolatram porque é escalonável e econômico os usuários finais o adoram porque os apps criados com ele são rápidos e responsivos todo mundo sai ganhando mean definitivo ensina como desenvolver aplicações web usando o mean primeiro criamos o esqueleto de um site estático em express e node depois o enviamos a um servidor web na internet em seguida criamos um banco de dados no mongodb e construímos uma api para ele antes de empregar o angular para transferir ao navegador do usuário a manipulação de dados e a lógica da aplicação por fim adicionamos autenticação à aplicação usando todo o stack ao terminar o leitor terá desenvolvido todas as habilidades e conhecimento necessários para construir uma aplicação web dinâmica e rica em dados o livro inclui desenvolvimento em full stack usando javascript técnicas responsivas para a web tudo o que é necessário para começar a desenvolver aplicações mean boas práticas para eficiência e reutilização de código os leitores devem ter alguma bagagem de desenvolvimento web este livro é baseado no mongodb 2 express 4 angular 1 e node js 4

Learning AngularJS

2015-03-18

unlock the power of the mean stack by creating attractive and real world projectsabout this book build six optimum end to end web applications using the m e a n stack follow the advanced angular js 2 application structure to build more scalable and maintainable apps integrate an authorization system into your application and reuse existing code from projectswho this book is forif you are a web developer with a basic understanding of the mean stack experience in developing applications with javascript and basic experience with nosql databases then this book is for you what you will learn build modern end to end web applications by employing the full stack web development solution of mean learn nosql databases and separate the client logic from the server code build a complex application from start to finish and work with monetary data in mongodb handle a multi user type system and authorize your users to access control list implement a chat application from scratch using socket io create distributed applications and use the power of server side rendering in your applications extend a project with a real time bidding system using websocketsin detailthe mean stack is a combination of the most popular web development frameworks available mongodb angular express and node js used together to offer a powerful and comprehensive full stack web development solution it is the modern day web dev alternative to the old lamp stack it works by allowing angularjs to handle the front end and selecting mongo express and node to handle the back end development which makes increasing sense to forward thinking web developers the mean stack is great if you want to prototype complex web applications this book will enable you to build a better foundation for your angularjs apps each chapter covers a complete single advanced end to end project you ll learn how to build complex real life applications with the mean stack and few more advanced projects you will become familiar with websockets and build real time web applications as well as create auto destructing entities later we will combine server side rendering techniques with a single page application approach you ll build a fun project and see how to work with monetary data in mongo you will also find out how to a build real time e commerce application by the end of this book you will be a lot more confident in developing real time complex web applications using the mean stack

MEAN Definitivo

2016-04-05

3 5 hours of video instruction overview a quick hands on video introduction to the mean web programming stack mongodb express angularjs and node js description recorded live at a workshop training session mean development workshop allows you to sit in as expert trainer marc wandschneider covers the fundamentals of the mean stack mongodb express angularjs and node js while walking the workshop participants through the process of creating real world web applications the first section covers using node js to build the backend web server components the next section covers using mongodb as the data store for the node js backend components and the final section covers using angularjs as the client side framework for the web application code files for the author s examples are available on github at github com marcwan meanworkshop about the instructor marc wandschneider has worked extensively with open source and web development platforms he travels the globe consulting as a lead manager for software projects and teams he is the author of the book learning node js addison wesley and the video courses learning angularjs and learning node js livelessons a graduate of the mcgill university school of computer science he spent five years working for microsoft where he developed and managed developers on the visual basic visual j and net windows forms teams skill level beginner intermediate what you will learn ability to create high performance applications understanding of the angularjs framework ability to create and maintain mongodb databases understanding of node js development ability to build service in node js who should take this course developers and instructors who want to quickly get up to speed with the fundamentals of the mean stack course requirements basic understanding of javascript and web development about livelessons video training the livelessons video training series publishes hundreds of hands on expert led video tutorials covering a wide selection of technology topics designed to teach you the skills you need to succeed this professional and personal technology video series features world leading author instructors published by your trusted technology brands addison wesley cisco press ibm press pearson it certification prentice hall sams and que topics include it certification programming development mobile development home and office technologies business and m

Mean Blueprints

2016-05-27

build fast robust and maintainable modern full stack web applications using mongodb express angular and node js key features build highly scalable asynchronous and event driven apis develop a user authentication system with mean build a full fledged application using the mean stack book description mongodb express angular and node js fundamentals is a practical guide to the tried and true production ready mean stack with tips and best practices the book begins by demystifying the mean architecture you ll take a look at the features of the javascript libraries technologies and frameworks that make up a mean stack with this book you ll not only learn how to develop highly scalable asynchronous and event driven apis quickly with express and node js but you ll also be able put your full stack skills to use by building two full fledged mean applications from scratch you ll understand how to build a blogging application using the mean stack and get to grips with user authentication using mean as you progress through the chapters you ll explore some old and new features of angular such as pipes reactive forms modules and optimizing apps animations and unit testing and much more by the end of the book you ll get ready to take control of the mean stack and transform into a full stack javascript developer developing efficient web applications using javascript technologies what you will learn understand the mean architecture create restful apis to complete crud tasks build a blogging application with basic features describe best practices to secure node applications implement authentication and authorization creating simple animations using angular perform unit testing on angular applications who this book is for if you are a beginner or intermediate frontend developer who wants to become full stack javascript developer this book is ideal for you you ll need some prior exposure to mongodb as we skim over its basics before getting straight to work

MEAN Web Development Workshop: An Introduction to the MEAN Web Programming Stack: MongoDB, Express, AngularJS, and Node.js

2016

build an application from backend to browser with node js and kick open the doors to real time event programming with this hands on book you ll learn how to create a social network application similar to linkedin and facebook but with a real time twist and you ll build it with just one programming language javascript if you re an experienced web developer unfamiliar with javascript the book s first section introduces you to the project s core technologies node js backbone js and the mongodb data store you ll then launch into the project a highly responsive highly scalable application guided

by clear explanations and lots of code examples learn about key modules in node js for building real time apps use the backbone js framework to write clean browser code and maintain better data integration with mongodb structure project files as a foundation for code that will arrive later create user accounts and learn how to secure the data use backbone js templates to build the application s uis and integrate access control with node js develop a contact list to help users link to and track other accounts use socket io to create real time chat functionality extend your uis to give users up to the minute information

Mongodb, Express, Angular, and Node.Js Fundamentals

2019-01-31

annotation with the rise of 2 0 the need for a highly scalable database capable of storing diverse user generated content is increasing mongodb an open source non relational database has stepped up to meet this demand and is being used in some of the most popular websites in the world mongodb is one of the nosql databases which is gaining popularity for developing php 2 0 applications php and mongodb development beginners guide is a fast paced hands on guide to get started with web application development using php and mongodb the book follows a code first explain later approach using practical examples in php to demonstrate unique features of mongodb it does not overwhelm you with information or starve you of it but gives you enough to get a solid practical grasp on the concepts the book starts by introducing the underlying concepts of mongodb each chapter contains practical examples in php that teache specific features of the database the book teaches you to build a blogging application handle user sessions and authentication and perform aggregation with mapreduce you will learn unique mongodb features and solve interesting problems like real time analytics location aware web apps etc you will be guided to use mongodb alongside mysql to build a diverse data back end with its concise coverage of concepts and numerous practical examples php and mongodb development beginners guide is the right choice for the php developer to get started with learning mongodb

Building Node Applications with MongoDB and Backbone

2012-12-11

json javascript object notation is a lightweight text based data interchange format used to create objects to transfer data over the internet it s widely used today by common web applications as well as mobile applications this book gives you clear ways that you can exchange objects using json regardless of whether you re developing a web or traditional networked application you ll start with a brief refresher on json and javascript syntax and read and write on the client and server then you ll learn how to use json in simple ajax applications using angularjs and jquery next you will learn how to exchange objects with databases using mongodb and couchdb you ll also explore how to use json in a type safe manner writing programs that have fewer bugs

PHP and MongoDB Web Development Beginner¿s Guide

2011-11-25

build an interactive and full featured web application from scratch using node js and mongodbabout 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 finishwho this book is forthis 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 services and microsoft azure explore single page application frameworks to take your web applications to the next levelin detailnode 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 approachan 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

JavaScript JSON Cookbook

2015-06-25

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 database 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 devel0pment 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

Web Development with Mongodb and Nodejs Second Edition

2015-10-30

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 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

Full Stack JavaScript

2015-12-30

ryan dahl creator of node js this is an amazing introduction to node js the aim of the node beginner book is to get you started with developing applications for node js teaching you everything you need to know about advanced javascript along the way

Web Development with MongoDB and NodeJS

2015-10-30

debunk the myth that javascript is not easily testable whether you use node js express mongodb jquery angularjs or directly manipulate the dom you can test drive javascript learn the craft of writing meaningful deterministic automated tests with karma mocha and chai test asynchronous javascript decouple and properly mock out dependencies measure code coverage and create lightweight modular designs of both server side and client side code your investment in writing tests will pay high dividends as you create code that s predictable and cost effective to change design and code javascript applications with automated tests writing meaningful tests is a skill that takes learning some unlearning and a lot of practice and with this book you ll hone that skill fire up the editor and get hands on through practical exercises for effective automated testing and designing maintainable modular code start by learning when and why to do manual testing vs automated verification focus tests on the important things like the pre conditions the invariants complex logic and gnarly edge cases then begin to design asynchronous functions using automated tests carefully decouple and mock out intricate dependencies such as the dom geolocation api file and database access and ajax calls to remote servers step by step test code that uses node js express mongodb jquery and angularjs know when and how to use tools such as chai istanbul karma mocha protractor and sinon create tests with minimum effort and run them fast without having to spin up web servers or manually edit html pages to run in browsers then explore end to end testing to ensure all parts are wired and working well together don t just imagine creating testable code write it what you need a computer with a text editor and your favorite browser the book provides instructions to install the necessary automated testing related tools

The Node Beginner Book

2012

summary ionic in action teaches web developers how to build cross platform mobile apps for phones and tablets on ios and android you ll learn how to extend your web development skills to build apps that are indistinguishable from native ios or android projects purchase of the print book includes a free ebook in pdf kindle and epub formats from manning publications about the book wouldn t it be great if you could build mobile apps using just your web development skills with ionic you can do just that create hybrid mobile apps using web technologies that you already know like html css and javascript that will run on both ios and android ionic in action teaches web developers how to build mobile apps using ionic and angularjs through carefully explained examples the book shows you how to create apps that use ui components designed for mobile leverage current location integrate with native device features like the camera use touch gestures and integrate with external data sources learn to test your apps to improve stability and catch errors as you develop finally you ll discover the command line utility and how to build and deploy to app stores what s inside create mobile apps with html javascript and css design complex interfaces with ionic s ui controls build once and deploy for both ios and android use native device hardware and device specific features covers the entire mobile development process about the reader readers should know html css and javascript familiarity with angularjs is helpful but not required about the author jeremy wilken is a senior ux software developer who works with ionic angularjs and node js he lives in austin texas table of contents introducing ionic and hybrid apps setting up your computer to build apps what you need to know about angularjs ionic navigation and core components tabs advanced lists and form components weather app using side menus modals action sheets and ionscroll advanced techniques for professional apps using cordova plugins previewing debugging and automated testing building and publishing apps

Test-Driving JavaScript Applications

2016-10-07

the book data intensive computing applications for big data discusses the technical concepts of big data data intensive computing through machine learning soft computing and parallel computing paradigms it brings together researchers to report their latest results or progress in the development of the above mentioned areas since there are few books on this specific subject the editors aim to provide a common platform for researchers working in this area to exhibit their novel findings the book is intended as a reference work for advanced undergraduates and graduate students as well as multidisciplinary interdisciplinary and transdisciplinary research workers and scientists on the subjects of big data and cloud parallel and distributed computing and explains didactically many of the core concepts of these approaches for practical applications it is organized into 24 chapters providing a comprehensive overview of big data analysis using parallel computing and addresses the complete data science workflow in the cloud as well as dealing with privacy issues and the challenges faced in a data intensive cloud computing environment the book explores both fundamental and high level concepts and will serve as a manual for those in the industry while also helping beginners to understand the basic and advanced aspects of big data and cloud computing

Ionic in Action

2015-09-20

nosql database usage is growing at a stunning 50 per year as organizations discover nosql s potential to address even the most challenging big data and real time database problems every nosql database is different but one is the most popular by far mongodb now in just 24 lessons of one hour or less you can learn how to leverage mongodb s immense power each short easy lesson builds on all that s come before teaching nosql concepts and mongodb techniques from the ground up sams teach yourself nosql with mongodb in 24 hours covers all this and much more learning how nosql is different when to use it and when to use traditional rdbmses instead designing and implementing mongodb databases of diverse types and sizes storing and interacting with data via java php python and node js mongoose choosing the right nosql distribution model for your application installing and configuring mongodb designing mongodb data models including collections indexes and gridfs balancing consistency performance and durability leveraging the immense power of map reduce administering monitoring securing backing up and repairing mongodb databases mastering advanced techniques such as sharding and replication optimizing performance

Data Intensive Computing Applications for Big Data

2018-01-31

summary angularjs in action covers everything you need to know to get started with the angularjs framework as you read you ll explore all the individual components of the framework and learn how to customize and extend them you ll discover the emerging patterns for web application architecture and tackle required tasks like communicating with a web server back end along the way you ll see angularjs in action by building real world applications with thoroughly commented code purchase of the print book includes a free ebook in pdf kindle and epub formats from manning publications about the technology angularjs is a javascript based framework that extends html so you can create dynamic interactive web applications in the same way you create standard static pages out of the box angular provides most of the functionality you ll need for basic apps but you won t want to stop there intuitive easy to customize and test friendly angular practically begs you to build more interesting apps about the book angularjs in action teaches you everything you need to get started with angularjs as you read you ll learn to build interactive single page web interfaces apply emerging patterns like mvvm and tackle key tasks like communicating with back end servers all examples are supported by clear explanations and illustrations along with fully annotated code listings this book assumes you know at least some javascript no prior exposure to angularjs is required what s inside get started with angularjs write your own components best practices for application architecture progressively build a full featured application covers angular js 1 3 sample application updated to the latest version of angular about the author lukas ruebbelke is a full time web developer and an active contributor to the angularjs community table of contents part 1 get acquainted with angularjs hello angularjs structuring your angularjs applicationpart 2 make something with angularjs views and controllers models and services directives animations structuring your site with routes forms and validations appendixes setting up karma setting up a node js server setting up a firebase server running the app

Node.js, MongoDB, AngularJS

2015

if you are a web application developer interested in using angularjs for a real life project then this book is for you as a prerequisite knowledge of javascript and html is expected and a working knowledge of angularjs is preferred

Sams Teach Yourself NoSQL with MongoDB in 24 Hours

2014

a fast paced guide that will help you to create read update and delete data using mongodb key featurescreate secure databases with mongodbmanipulate and maintain your databasemodel and use data in a no sql environment with mongodbbook description mongodb has grown to become the de facto nosql database with millions of users from small start ups to fortune 500 companies it can solve problems that are considered difficult if not impossible for aging rdbms technologies written for version 4 of mongodb this book is the easiest way to get started with mongodb you will start by getting

a mongodb installation up and running in a safe and secure manner you will learn how to perform mission critical create read update and delete operations and set up database security you will also learn about advanced features of mongodb such as the aggregation pipeline replication and sharding you will learn how to build a simple web application that uses mongodb to respond to ajax queries and see how to make use of the mongodb programming language driver for php the examples incorporate new features available in mongodb version 4 where appropriate what you will learnget a standard mongodb database up and running quicklyperform simple crud operations on the database using the mongodb command shellset up a simple aggregation pipeline to return subsets of data grouped sorted and filteredsafeguard your data via replication and handle massive amounts of data via shardingpublish data from a web form to the database using a program language driverexplore the basic crud operations performed using the php mongodb driverwho this book is for developers it professionals and database administrators dbas who want to learn how to create and manage mongodb databases

AngularJS in Action

2015-07-01

the things you need to do to set up a new software project can be daunting first you have to select the back end framework to create your api choose your database set up security and choose your build tool then you have to choose the tools to create your front end select a ui framework configure a build tool set up sass processing configure your browser to auto refresh when you make changes and configure the client and server so they work in unison if you re building a new application using spring boot and angular you can save days by using jhipster jhipster generates a complete and modern web app unifying a high performance and robust java stack on the server side with spring boot a sleek modern mobile first front end with angular and bootstrap a robust microservice architecture with the jhipster registry netflix oss the elk stack and docker a powerful workflow to build your application with yeoman webpack and maven gradle

AngularJS Web Application Development Blueprints

2014-08-25

this book is intended for people who are not familiar with angularjs and who want to take their phonegap development skills further by developing apps using different javascript libraries people with some knowledge of phonegap html css and javascript will find this book immediately useful

MongoDB 4 Quick Start Guide

2018-09-28

The JHipster Mini-Book

2016-11-25

PhoneGap and AngularJS for Cross-platform Development

2014-10-31

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