

Php And Mongoddb Programming By Example

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this book provides alternative approach to build php application with windows linux platform and mongoddb database it describes how to work with php and mongoddb and illustrates their use with code examples the following is highlight topics in book setup development environment hello world php and mongoddb mongoddb authentication manipulating database crud collection operations working with identity date and time finding and querying data working with image and blob data data modeling embedded document

harness the latest features of mongoddb 3 with this collection of 80 recipes from managing cloud platforms to app development this book is a vital resource about this book get to grips with the latest features of mongoddb 3 interact with the mongoddb server and perform a wide range of query operations from the shell from administration to automation this cookbook keeps you up to date with the world s leading nosql database who this book is for this book is engineered for anyone who is interested in managing data in an easy and efficient way using mongoddb you do not need any prior knowledge of mongoddb but it would be helpful if you have some programming experience in either java or python what you will learn install configure and administer mongoddb sharded clusters and replica sets begin writing applications using mongoddb in java and python languages initialize the server in three different modes with various configurations perform cloud deployment and introduce

paas for mongo discover frameworks and products built to improve developer productivity using mongo take an in depth look at the mongo programming driver apis in java and python set up enterprise class monitoring and backups of mongodb in detail mongodb is a high performance and feature rich nosql database that forms the backbone of the systems that power many different organizations it s easy to see why it s the most popular nosql database on the market packed with many features that have become essential for many different types of software professionals and incredibly easy to use this cookbook contains many solutions to the everyday challenges of mongodb as well as guidance on effective techniques to extend your skills and capabilities this book starts with how to initialize the server in three different modes with various configurations you will then be introduced to programming language drivers in both java and python a new feature in mongodb 3 is that you can connect to a single node using python set to make mongodb even more popular with anyone working with python you will then learn a range of further topics including advanced query operations monitoring and backup using mms as well as some very useful administration recipes including scram sha 1 authentication beyond that you will also find recipes on cloud deployment including guidance on how to work with docker containers alongside mongodb integrating the database with hadoop and tips for improving developer productivity created as both an accessible tutorial and an easy to use resource on hand whenever you need to solve a problem mongodb cookbook will help you handle everything from administration to automation with mongodb more effectively than ever before style and approach every recipe is explained in a very simple set by step manner yet is extremely comprehensive

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need a quick and easy-to-understand introduction to mongodb and nosql databases mongodb basics from the definitive guide to mongodb 2e shows you how a document-oriented database system differs from a relational database and how to install and get started using it you'll also learn mongodb design basics including geospatial indexing how to navigate view and query your database and how to use gridfs with a bit of python

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moving to the cloud provides an in depth introduction to cloud computing models cloud platforms application development paradigms concepts and technologies the authors particularly examine cloud platforms that are in use today they also describe programming apis and compare the technologies that underlie them the basic foundations needed for developing both client side and cloud side applications covering compute storage scaling data parallelism virtualization mapreduce ria saas and mashups are covered approaches to address key challenges of a cloud infrastructure such as scalability availability multi tenancy security and management are addressed the book also lays out the key open issues and emerging cloud standards that will drive the continuing evolution of cloud computing includes complex case studies of cloud solutions by cloud experts from yahoo amazon microsoft ibm adobe and hp labs presents insights and techniques for creating compelling rich client applications that interact with cloud services demonstrates and distinguishes features of different cloud platforms using simple to complex api programming examples

use the 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 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 apis 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

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harness the latest features of mongodb 3 with this collection of 80 recipes from managing cloud platforms to app development this book is a vital resource about this book get to grips with the latest features of mongodb 3 interact with the mongodb server and perform a wide range of query operations from the shell from administration to automation this cookbook keeps you up to date with the world's leading nosql database who this book is for this book is engineered for anyone who is interested in managing data in an easy and efficient way using mongodb you do not need any prior knowledge of mongodb but it would be helpful if you have some programming experience in either java or python what you will learn install configure and administer mongodb sharded clusters and replica sets begin writing applications using mongodb in java and python languages initialize the server in three different modes with various configurations perform cloud deployment and introduce paas for mongo discover frameworks and products built to improve developer productivity using mongo take an in depth look at the mongo programming driver apis in java and python set up enterprise class monitoring and backups of mongodbin detail mongodb is a high performance and feature rich nosql database that forms the backbone of the systems that power many different organizations it's easy to see why it's the most popular nosql database on the market packed with many features that have become essential for many different types of software professionals and incredibly easy to use this cookbook contains many solutions to the everyday challenges of mongodb as well as guidance on effective techniques to extend your skills and capabilities this book starts with how to initialize the server in three different modes with various configurations you will then be introduced to programming language drivers in both java and python a new feature in mongodb 3 is that you can connect to a single node using python set to make mongodb even more popular with anyone working with python you will then learn a range of further topics including advanced query operations monitoring and backup using mms as well as some very useful administration recipes including scram sha 1 authentication beyond that you will also find recipes on cloud deployment including guidance on how to work with docker containers alongside mongodb integrating the database with hadoop and tips for improving developer productivity created as both an accessible tutorial and an easy to use resource on hand whenever you need to solve a problem mongodb cookbook will help you handle everything from administration to automation with mongodb more effectively than ever before style and approach every recipe is explained in a very simple set by step manner yet is extremely comprehensive

get the most out of mongodb using a problem solution approach this book starts with recipes on the mongodb query language including how to query various data structures stored within documents these self contained code examples allow you to solve your mongodb problems without fuss mongodb recipes describes how to use advanced querying in mongodb such as indexing and the aggregation framework it demonstrates how to use the compass function a gui client interacting with mongodb and how to apply data modeling to your mongodb application you'll see recipes on the latest features

of mongodb 4 allowing you to manage data in an efficient manner using mongodb what you will learn work with the mongodb document model design mongodb schemas use the mongodb query language harness the aggregation framework create replica sets and sharding in mongodb who this book is for developers and professionals who work with mongodb

this book has a perfect balance of concepts and their practical implementation along with solutions to make a highly available mongodb server with clear instructions and guidance if you are using mongodb in a production environment and need a solution to make a highly available mongodb server this book is ideal for you familiarity with mongodb is expected so that you understand the content of this book

pro mongodb development discusses all aspects of using mongodb in web applications java php ruby javascript are the most commonly used programming scripting languages and the book discusses accessing mongodb database with these languages a unique book focused on development with mongodb using java as well as other programming languages and techniques deepak vohra is a certified java programmer developer who has experience in big data and nosql programming mongodb along with hadoop and java are some of today s most important big data and cloud computing technologies

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in this book we take you on a fun hands on and pragmatic journey to learning node js express and mongodb development you ll start building your first node js app within minutes every chapter is written in a bite sized manner and straight to the point as i don t want to waste your time and most certainly mine on the content you don t need in the end you will have the skills to create a blog app and deploy it to the internet in the course of this book we will cover chapter 1 introduction chapter 2 introduction to npm express chapter 3 beginning our blog project chapter 4 templating engines chapter 5 introduction to mongodb chapter 6 applying mongodb to our project chapter 7 uploading an image with express chapter 8 introduction to express middleware chapter 9 refactoring to mvc chapter 10 user registration chapter 11 user authentication with express sessions chapter 12 showing validation errors chapter 13 relating post collection with user collection chapter 14 adding a wysiwyg editor chapter 15 using mongodb atlas chapter 16 deploying apps on heroku the goal of this book is to teach you node js express and mongodb development in a manageable way without overwhelming you we focus only on the essentials and cover the material in a hands on practice manner for you to code along about the reader no previous knowledge on node js development required but you should have basic programming knowledge about the author greg lim is a technologist and author of several programming books greg has many years in teaching programming in tertiary institutions and he places special emphasis on learning by doing

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

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

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