Instant Mongodb

Light, delicious, and juicy, mangoes go with everything from grilled pork chops to ice cream. A compendium of mango history, legend, literature, and lore, "The Mongo Mango Cookbook" also includes mouthwatering recipes that feature mangoes in salads, meat and seafood dishes, desserts, drinks, and more.

Create real-time server-side applications with this practical, step-by-step guide About This Book Learn about server-side JavaScript with Node.js, and Node modules through the most up-to-date book on Node.js web development Understand website development both with and without the Connect/Express web application framework Develop both HTTP server and client applications Who This Book Is For This book is for anybody looking for an alternative to the "P" languages (Perl, PHP, and Python), or anyone looking for a new paradigm of server-side application development. You should have at least a rudimentary understanding of JavaScript and web application development. What You Will Learn Install and use Node.js for both development and deployment Use the Express application framework Configure Bootstrap for mobile-first theming Use data storage engines such as MySQL, SQLITE3, and MongoDB Understand user authentication methods, including OAuth, with third-party services Deploy Node.js to live servers, including microservice development with Docker Perform unit testing with Mocha Perform functional testing of the web application with CasperJS In Detail Node.js is a server-side JavaScript platform using an event driven, non-blocking I/O model allowing users to build fast and scalable data-intensive applications running in real time. Node.js Web Development shows JavaScript is not just for browser-side applications. It can be used for server-side web application development, real-time applications, microservices, and much more. This book gives you an excellent starting point, bringing you straight to the heart of developing web applications with Node.js. You will progress from a rudimentary knowledge of JavaScript and server-side development to being able to create and maintain your own Node.js application. With this book you'll learn how to use the HTTP Server and Client objects, data storage with both SQL and MongoDB databases, real-time applications with Socket.IO, mobile-first theming with Bootstrap, microservice deployment with Docker, authenticating against third-party services using OAuth, and much more. Style and Approach This book is a practical guide for anyone looking to develop striking and robust web applications using Node.js.

Pass the Pivotal Certified Professional exam using source code examples, study summaries, and mock exams. In this book, you'll find a descriptive overview of certification-related Spring modules and a single example application demonstrating the use of all required Spring modules. Also, it is suitable as an introductory primer for Spring newcomers. Furthermore, in Pivotal Certified Professional Spring Developer Exam: A Study Guide each chapter contains a brief study summary and question set, and the book's free downloadable source code package includes one mock exam (50 questions – like a real exam). After using this study guide, you will be ready to take and pass the Pivotal Certified Professional exam. When you become Pivotal Certified, you will have one of the most valuable credentials in Java. The demand for Spring skills is skyrocketing. Pivotal certification helps you advance your skills and your career, and get the maximum benefit from Spring. Passing the exam demonstrates your understanding of Spring and validates your familiarity with: container-basics, aspect oriented programming (AOP), data access and transactions, Spring Security, Spring Boot, microservices and the Spring model-view-controller (MVC). Good luck! What You'll Learn Understand the core principles of the popular Spring Framework Use dependency injection Work with aspects in Spring and do AOP (aspect oriented programming) Control transactional behavior and work with SQL and NoSQL (MongoDB) databases Create and secure web applications based on Spring MVC Get to know the format of exam and type of questions in it Create Spring microservices applications Who This Book Is ForSpring developers who have taken the Pivotal Core Spring class are eligible to take the Pivotal Certified Professional exam.

With over 75 million downloads per month, Spring Boot is the most widely used Java framework available. Its ease and power have revolutionized application development from monoliths to microservices. Yet Spring Boot's simplicity can also be confounding. How do developers learn enough to be productive immediately? This practical book shows you how to use this framework to write successful mission-critical applications. Mark Heckler from VMware, the company behind Spring, guides you through Spring Boot's architecture and approach, covering topics such as debugging, testing, and deployment. If you want to develop cloud native Java or Kotlin applications with Spring Boot rapidly and effectively--using reactive programming, building APIs, and creating database access of all kinds--this book is for you. Learn how Spring Boot simplifies cloud native application development and deployment Build reactive applications and extend communication across the network boundary to create distributed systems Understand how Spring Boot's architecture and approach increase developer productivity and application portability Deploy Spring Boot applications for production workloads rapidly and reliably Monitor application and system health for optimal performance and reliability Debug, test, and secure cloud-based applications painlessly

MongoDB Applied Design Patterns
Patterns and Processes for the Popular Document-oriented Database
Bootstrapping Microservices with Docker, Kubernetes, and Terraform
50 Tips and Tricks for MongoDB Developers
A Study Guide
MongoDB Fundamentals

Getting started with MongoDB is easy, but once you begin building applications with it, you'll face some complex issues. What are the tradeoffs between normalized and denormalized data? How do you handle replica set failure and failover? This collection of MongoDB tips, tricks, and hacks helps you resolve issues with everything from application design and implementation to data safety and monitoring. You get specific guidance in five topic areas directly from engineers at 10gen, the company that develops and supports this open source database: Application Design Tips: What to keep in mind when designing your schema Implementation Tips: Programming applications against MongoDB Optimization Tips: Speeding up your applications Data Safety Tips: Using replication and journaling to keep data safe—without sacrificing too much performance Administration Tips: How to configure MongoDB and keep it running smoothly

Advanced Computing, Networking and Informatics are three distinct and mutually exclusive disciplines of knowledge with no apparent sharing/overlap among them. However, their convergence is observed in many real world applications, including cyber-security, internet banking, healthcare, sensor networks, cognitive radio, pervasive computing amidst many others. This two volume proceedings explore the combined use of Advanced Computing and Informatics in the next generation wireless networks and security, signal and image processing, ontology and human-computer interfaces (HCI). The two volumes together include 132 scholarly articles, which have been accepted for presentation from over 550 submissions in the Third International Conference on Advanced Computing, Networking and Informatics, 2015, held in Bhubaneswar, India during June 23–25, 2015.

Leverage the power of MongoDB 4.x to build and administer fault-tolerant database applications Key Features Master the new features and capabilities of MongoDB 4.x Implement advanced data modeling, querying, and administration techniques in MongoDB Includes rich case-studies and best practices followed by expert MongoDB developers Book Description MongoDB is the best platform for working with non-relational data and is considered to be the smartest tool for organizing data in line with business needs. The recently released MongoDB 4.x supports ACID transactions and makes the technology an asset for enterprises across the IT and fintech sectors. This book provides expertise in advanced and niche areas of managing databases (such as modeling and querying databases) along with various administration techniques in MongoDB, thereby helping you become a successful MongoDB expert. The book helps you understand how the newly added capabilities function with the help of some interesting examples and large datasets. You will dive deeper into niche areas such as high-performance configurations, optimizing SQL statements, configuring large-scale sharded clusters, and many more. You will also master best practices in overcoming database failover, and master recovery and backup procedures for database security. By the end of the book, you will have gained a practical understanding of administering database applications both on premises and on the cloud; you will also be able to scale database applications across all servers. What you will learn Perform advanced querying techniques such as indexing and expressions Configure, monitor, and maintain a highly scalable MongoDB environment Master replication and data sharding to optimize read/write performance Administer MongoDB-based applications on premises or on the cloud Integrate MongoDB with big data sources to process huge amounts of data Deploy MongoDB on Kubernetes containers Use MongoDB in IoT, mobile, and serverless environments Who this book is for This book is ideal for MongoDB developers and database administrators who wish to become successful MongoDB experts and build scalable and fault-tolerant applications using MongoDB. It will also be useful for database professionals who wish to become certified MongoDB professionals. Some understanding of MongoDB and basic database concepts is required to get the most out of this book.

This book covers the latest release of MongoDB. You'll learn how to master various tasks related to the development and administration of a MongoDB database, along with best practices to optimize the workflow. The book also covers multiple financial and practical use cases that will enable you to use MongoDB for commercial data storage.

Learn MongoDB 4.x
Over 100 practical recipes to efficiently maintain and administer your MongoDB solution
Learning Elixir
IBM Spectrum Protect Plus Protecting Database Applications
MongoDB and Python
A project-based guide

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.

You're a developer who knows nothing to Meteor. Which is fine, except that you need to start coding your next application using Meteor. Don't worry: I have you covered. I've been training hundreds of developers like you during 15 years, and converted my experience into this book. I know from experience teaching what takes more time to learn in Meteor, and will spend time only where appropriate. Plus this book is packed with exercises which build up into a full project: you develop a small e-commerce application. You'll allow users to browse for products, add them to their basket, and you'll also create a full back-end where the site administrators will be able to list, create, modify, and delete products. Read this book, and you can code your Meteor application within a week.

You can choose several data access frameworks when building Java enterprise applications that work with relational databases. But what about big data? This hands-on introduction shows you how Spring Data makes it relatively easy to build applications across a wide range of new data access technologies such as NoSQL and Hadoop. Through several sample projects, you'll learn how Spring Data provides a consistent programming model that retains NoSQL-specific features and capabilities, and helps you develop Hadoop applications across a wide range of use-cases such as data analysis, event stream processing, and workflow. You'll also discover the features Spring Data adds to Spring's existing JPA and JDBC support for writing RDBMS-based data access layers. Learn about Spring's template helper classes to simplify the use of database-specific functionality Explore Spring Data's repository abstraction and advanced query functionality Use Spring Data with Redis (key/value store), HBase (column-family), MongoDB (document database), and Neo4j (graph database) Discover the GemFire distributed data grid solution Export Spring Data JPA-managed entities to the Web as RESTful web services Simplify the development of HBase applications, using a lightweight object-mapping framework Build example big-data pipelines with Spring Batch and Spring Integration

Filled with practical, step-by-step instructions and clear explanations for the most important and useful tasks. Get the job done and learn as you go. Packt How-to books follow practical examples to quickly and easily instruct in the use of a toolset. This book is for developers who want to start developing Lift applications and learn about the Lift framework and its amazing capabilities, and for people who want to become comfortable with the Lift toolset so they can quickly get up to speed with Lift and begin developing their first applications. The practical descriptions within the book quickly show the reader whether Lift has the right features for them. This book is for people who have some basic knowledge and understanding of the Scala language.

A complete guide to dealing with Big Data using MongoDB
The Definitive Guide to MongoDB
Learn the skills you need to work with the world's most popular NoSQL database
Instant Debian – Build a Web Server
Pentaho Analytics for MongoDB
Expert techniques to run high-volume and fault-tolerant database solutions using MongoDB 4.x, 2nd Edition

MongoDB Fundamentals will get you started using MongoDB for data processing in a cloud computing environment. Starting with the fundamentals of NoSQL, you'll build up to learning advanced data manipulation techniques and application development with the help of hands-on case-studies.

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

An easy-to-follow guide full of tips and examples of real-world applications. In each chapter, a thorough example will show you the concepts in action, followed by a detailed explanation. This book is intended for those who want to learn how to create, query, and maintain a graph database, or who want to migrate to a graph database from SQL. It would be helpful to have some familiarity with Java and/or SQL, but no prior experience is required.

Learn how to leverage MongoDB with your Python applications, using the hands-on recipes in this book. You get complete code samples for tasks such as making fast geo queries for location-based apps, efficiently indexing your user documents for social-graph lookups, and many other scenarios. This guide explains the basics of the document-oriented database and shows you how to set up a Python environment with it. Learn how to read and write to MongoDB, apply idiomatic MongoDB and Python patterns, and use the database with several popular Python web frameworks. You'll discover how to model your data, write effective queries, and avoid concurrency problems such as race conditions and deadlocks. The recipes will help you: Read, write, count, and sort documents in a MongoDB collection Learn how to use the rich MongoDB query language Maintain data integrity in replicated/distributed MongoDB environments Use embedding to efficiently model your data without joins Code defensively to avoid keyerrors and other bugs Apply atomic operations to update game scores, billing systems, and more with the fast accounting pattern Use MongoDB with the Pylons 1.x, Django, and Pyramid web frameworks

Get the Most Out of Your Database
Instant Nancy Web Development
Spring Boot: Up and Running
The Mongo Mango Cookbook
Proceedings of 3rd International Conference on Advanced Computing, Networking and Informatics
Instant MongoDB

Master MongoDB - The widely used modern database in a step-by-step, practical, and easy-to-understand approach covering all major topics KEY FEATURES ● In-depth practical demonstration of MongoDB concepts with numerous examples. ● Includes graphical illustrations and visual explanations for MongoDB commands and methods. ● Covers advanced topics such as MongoDB Compass, MongoDB Security, Backup and Restore, and Replication and Sharding. DESCRIPTION MongoDB Complete Guide book starts with the basics of MongoDB, what exactly is MongoDB, and how to use it practically. You will understand how MongoDB is different from the traditional RDBMS. Topics such as installation and configuration of the MongoDB server, MongoDB commands, MongoDB Shell methods, and data types in MongoDB are covered in detail. You will practice how to perform MongoDB CRUD operations, indexing, MongoDB query selectors, projection in MongoDB and projection operators as well as aggregation in a very detailed and step-by-step manner. You will learn how to work with MongoDB Compass and some of the advanced MongoDB topics like managing and administering MongoDB, managing the MongoDB process, monitoring and diagnosing MongoDB, backup and restore, MongoDB security, replication and sharding. WHAT YOU WILL LEARN ● Perform write operations, search documents, and define complex queries in MongoDB. ● Perform indexing, aggregation, and data replication. ● End-to-end MongoDB administration along with authentication and authorization. ● Running backups, restoring, and monitoring of MongoDB database enterprise-wide. WHO THIS BOOK IS FOR This book is designed for software developers and server administrators who want to quickly learn MongoDB basics and start applying the knowledge of MongoDB in their business systems. TABLE OF CONTENTS MongoDB Basics 1.Introduction to MongoDB 2. MongoDB Installation and Setup on Windows 3. MongoDB Installation and Setup on Linux (Ubuntu) 4. MongoDB Installation and Setup on macOS 5. Getting started with MongoDB 6. Storage Engines in MongoDB 7. Managing and Administering MongoDB 8. MongoDB Shell Methods 9. Data Types in MongoDB MongoDB Intermediate Level Topics 10. Introduction to MongoDB CRUD Operations 11. MongoDB Intermediate Concepts 12. Introduction to MongoDB Indexes 13. MongoDB Query Selectors 14. Projection in MongoDB and Projection Operators 15. Aggregation in MongoDB 16. MongoDB Data Manipulations Using MongoDB Compass MongoDB Advanced Level Topics 17. Managing and Administering MongoDB (Advanced Level) 18. Replication in MongoDB 19. Sharding in MongoDB

This two volume set LNCS 9261 and LNCS 9262 constitutes the refereed proceedings of the 26th International Conference on Database and Expert Systems Applications, DEXA 2015, held in Valencia, Spain, September 1-4, 2015. The 40 revised full papers presented together with 32 short papers, and 2 keynote talks, were carefully reviewed and selected from 125 submissions. The papers discuss a range of topics including: temporal, spatial and high dimensional databases; semantic Web and ontologies; modeling, linked open data; NoSQLm NewSQL, data integration; uncertain data and inconsistency tolerance; database system architecture; data mining, query processing and optimization; indexing and decision support systems; modeling, extraction, social networks; knowledge management and consistency; mobility, privacy and security; data streams, Web services; distributed, parallel and cloud databases; information retrieval; XML and semi-structured data; data partitioning, indexing; data mining, applications; WWW and databases; data management algorithms. These volumes also contain accepted papers of the 8th International Conference on Data Management in Cloud, Grid and P2P Systems, Globe 2015, held in Valencia, Spain, September 2, 2015. The 8 full papers presented were carefully reviewed and selected from 13 submissions. The papers discuss a range of topics including: MapReduce framework: load balancing, optimization and classification; security, data privacy and consistency; query rewriting and streaming.

Over 50 recipes to learn how to use Pentaho Analytics and MongoDB to create powerful analysis and reporting solutions About This Book Create reports and stunning dashboards with MongoDB data Accelerate data access and maximize productivity with unique features of Pentaho for MongoDB A step-by-step recipe-based guide for making full use of Pentaho suite tools with MongoDB Who This Book Is For This book is intended for data architects and developers with a basic level of knowledge of MongoDB. Familiarity with Pentaho is not expected. What You Will Learn Extract, load, and transform data from MongoDB collections to other datasources Design Pentaho Reports using different types of connections for MongoDB Create a OLAP mondrian schema for MongoDB Explore your MongoDB data using Pentaho Analyzer Utilize the drag and drop web interface to create dashboards Use Kettle Thin JDBC with MongoDB for analysis Integrate advanced dashboards with MondoDB using different types of connections Publish and run a report on Pentaho BI server using a web interface In Detail MongoDB is an open source, schemaless NoSQL database system. Pentaho as a famous open source Analysis tool provides high performance, high availability, and easy scalability for large sets of data. The variant features in Pentaho for MongoDB are designed to empower organizations to be more agile and scalable and also enables applications to have better flexibility, faster performance, and lower costs. Whether you are brand new to online learning or a seasoned expert, this book will provide you with the skills you need to create turnkey analytic solutions that deliver insight and drive value for your organization. The book will begin by taking you through Pentaho Data Integration and how it works with MongoDB. You will then be taken through the Kettle Thin JDBC Driver for enabling a Java application to interact with a database. This will be followed by exploration of a MongoDB collection using Pentaho Instant view and creating reports with MongoDB as a datasource using Pentaho Report Designer. The book will then teach you how to explore and visualize your data in Pentaho BI Server using Pentaho Analyzer. You will then learn how to create advanced dashboards with your data. The book concludes by highlighting contributions of the Pentaho Community. Style and approach A comprehensive, recipe-based guide to take complete advantage of the Pentaho Analytics for MongoDB.
Lengthy experts from twentieth-century criticism of the principal British and American authors from the Middle Ages to the end of the Victorian era
Elixir Cookbook
Practical Use Cases with the Leading NoSQL Database
MongoDB Complete Guide
Instant Lift Web Applications How-To
MongoDB Transformation A Complete Guide - 2019 Edition
MongoDB: The Definitive Guide

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.

Unveil many hidden gems of programming functionally by taking the foundational steps with Elixir About This Book Explore the functional paradigms of programming with Elixir through use of helpful examples Concise step-by-step instructions to teach you difficult technical concepts Bridge the gap between functional programming and Elixir Who This Book Is For This book targets developers new to Elixir, as well as Erlang, in order to make them feel comfortable in functional programming with Elixir, thus enabling them to develop more scalable and fault-tolerant applications. Although no knowledge of Elixir is assumed, some programming experience with mainstream Object-Oriented programming languages such a Ruby, Python, Java, C# would be beneficial. What You Will Learn Explore Elixir to create resilient, scalable applications Create fault-tolerant applications Become better acquainted with Elixir code and see how it is structured to build and develop functional programs Learn the basics of functional programming Gain an understanding of effective OTP principles Design program-distributed applications and systems Write and create branching statements in Elixir Learn to do more with less using Elixir's metaprogramming Be familiar with the facilities Elixir provides for metaprogramming, macros, and extending the Elixir language In Detail Elixir, based on Erlang's virtual machine and ecosystem, makes it easier to achieve scalability, concurrency, fault tolerance, and high availability goals that are pursued by developers using any programming language or programming paradigm. Elixir is a modern programming language that utilizes the benefits offered by Erlang VM without really incorporating the complex syntaxes of Erlang. Learning to program using Elixir will teach you many things that are very beneficial to programming as a craft, even if at the end of the day, the programmer isn't using Elixir. This book will teach you concepts and principles important to any complex, scalable, and resilient application. Mostly, applications are historically difficult to reason about, but using the concepts in this book, they will become easy and enjoyable. It will teach you the functional programing ropes, to enable them to create better and more scalable applications, and you will explore how Elixir can help you achieve new programming heights. You will also glean a firm understanding of basics of OTP and the available generic, provided functionality for creating resilient complex systems. Furthermore, you will learn the basics of metaprogramming: modifying and extending Elixir to suite your needs. Style and approach An exploration of functional programming and Elixir with easy to follow examples using Elixir and the functional style. All the topics, concepts, and principles covered are clearly and concisely explained with either code examples or in depth discussions, or both!

Filled with practical, step-by-step instructions and clear explanations for the most important and useful tasks. A concise guide full of step-by-step recipes to teach you how to install and configure a Debian web server.This is an ideal book if you are an administrator on a Development Operations team or infrastructure management, who is passionate about Linux and their Web applications but have no previous experience with Debian or APT-based systems.

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 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.

1622-1625
Instant Redis Optimization How-To
D Web Development
Learning Cypher
ICACNI 2015, Volume 2
Mastering MongoDB 4.x

Get to grips with a new technology, understand what it is and what it can do for you, and then get to work with the most important features and tasks. MongoDB Starter is a fast and practical guide designed to help you start developing high-performance and scalable applications using MongoDB.MongoDB Starter is ideal for developers who are new to MongoDB and who need a no-nonsense guide on how to start working with it. No knowledge of MongoDB is required to follow this book, but some knowledge of C++ would be helpful.
This fast-paced action novel is set in a future where the world has been almost destroyed. Like the award-winning novel Freak the Mighty, this is Philbrick at his very best.It's the story of an epileptic teenager nicknamed Spaz, who begins the heroic fight to bring human intelligence back to the planet. In a world where most people are plugged into brain-drain entertainment systems, Spaz is the rare human being who can see life as it really is. When he meets an old man called Ryter, he begins to learn about Earth and its past. With Ryter as his companion, Spaz sets off on an unlikely quest to save his dying sister -- and in the process, perhaps the world.
This book is intended for users with some knowledge of the Elixir language syntax and basic data types/structures. Although this is a cookbook and no sequential reading is required, the book's structure will allow less advanced users who follow it to be gradually exposed to some of Elixir's features and concepts specific to functional programming. To get the most out of this book, you need to be well versed with Erlang.
IBM® Spectrum Protect Plus is a data protection solution that provides near-instant recovery, replication, retention management, and reuse for virtual machines, databases, and application backups in hybrid multicloud environments. This IBM Redpaper publication focuses on protecting database applications. IBM Spectrum® Protect Plus supports backup, restore, and data reuse for multiple databases, such as Oracle, IBM Db2®, MongoDB, Microsoft Exchange, and Microsoft SQL Server. Although other IBM Spectrum Protect Plus features focus on virtual environments, the database and application support of IBM Spectrum Protect Plus includes databases on virtual physical servers.
Node.js Web Development
A guide to understanding MongoDB development and administration for NoSQL developers
Learn Meteor - Node.js and MongoDB JavaScript platform
JavaScript JSON Cookbook
MongoDB 4 Quick Start Guide
The Last Book in the Universe

Filled with practical, step-by-step instructions and clear explanations for the most important and useful tasks. This book is written in a concise, focused style with numerous practical and hands-on recipes and examples. If you want to leverage Redis to create blazing fast applications, then this book is for you.This book is for developers who are already proficient in programming and traditional databases and want to start learning about Redis for its simplicity and fast performance. A basic understanding of Linux and proficiency in a programming language are required to get the most out of this book.

Leverage the power of D and the vibe.d framework to develop web applications that are incredibly fast About This Book Utilize the elegant vibe.d framework to build web applications easily and REST backends with the D programming language Learn about all components of vibe.d with a hands-on guide to the vibe.d framework; from static web pages to template-based, interactive and localized web applications with database access and REST backends Who This Book Is For Whether you are new to the world of D, or already have developed applications in D, or if you want to leverage the power of D for web development, then this book is ideal for you. Basic knowledge of core web technologies like HTML 5 is helpful but not required. This book explains the difficult details to speed your web development. What You Will Learn Create amazingly fast web applications with D Use Diet templates to easily create a web user interface Utilize the web framework for interactive applications with input validation and internationalization Access a database to provide persistent storage for your application Extend your application with a REST interface and access other applications via REST Understand vibe.d's fiber-based approach to asynchronous I/O and use it for integration of existing components Create GUI applications with vibe.d In Detail D is a programming language with C-like syntax and static typing. The vibe.d framework builds on powerful D concepts like template meta-programming and compile-time function execution to provide an easy-to-use environment for web applications. The combination of a feature-rich web programming framework with a language compiling to native code solves two common issues in web development today: it accelerates your development and it results in fast, native web applications. Learning the vibe.d framework before you start your application will help you to choose the right features to reach your goal. This book guides you through all aspects of web development with D and the vibe.d framework. Covering the popular operating systems today, this guide starts with the setup of your development system. From the first Hello World-style application you will move on to building static web pages with templates. The concise treatment of web forms will give you all the details about form handling and web security. Using the abstractions of the web framework you will learn how to easily validate user input. Next, you will add database access to your application, providing persistent storage for your data. Building on this foundation, you will expose your component and integrate other components via REST. Learning about the internals of vibe.d you will be able to use low-level techniques such as raw TCP access. The vibe.d concepts can also be used for GUI clients, which is the next topic that you will learn. vibe.d is supported by an active community, which adds new functionality. This comprehensive guide concludes with an overview of the most useful vibe.d extensions and where to find them. It also shows you how to integrate these extensions in your application. The concepts are always illustrated with source code, giving you an insight into how to apply them in your application. Style and approach A tutorial-style guide to develop web applications with D and the vibe.d framework. Each topic is explained in detail and illustrated with source code, providing you with hands-on assistance for your application.

Filled with practical, step-by-step instructions and clear explanations for the most important and useful tasks.A practical, step-by-step guide featuring recipes that will get you up and running quickly with Nancy.A practical, step-by-step guide featuring recipes that will get you up and running quickly with Nancy.If you are a .NET oriented web developer who is curious to find out what lies beyond the Microsoft provided frameworks, then this book is for you! It's beneficial to have a good knowledge of C# and .NET, as well as a basic working knowledge of HTTP. If testability is important to you, and you're looking for a lightweight, code focused approach to building web applications, this book offers you all the guidance that you will need.

Whether you're building a social media site or an internal-use enterprise application, this hands-on guide shows you the connection between MongoDB and the business problems it's designed to solve. You'll learn how to apply MongoDB design patterns to several challenging domains, such as ecommerce, content management, and online gaming. Using Python and JavaScript code examples, you'll discover how MongoDB lets you scale your data model while simplifying the development process. Many businesses launch NoSQL databases without understanding the techniques for using their features most effectively. This book demonstrates the benefits of document embedding, polymorphic schemas, and other MongoDB patterns for tackling specific big data use cases, including: Operational intelligence: Perform real-time analytics of business data Ecommerce: Use MongoDB as a product catalog master or inventory management system Content management: Learn methods for storing content nodes, binary assets, and discussions Online advertising networks: Apply techniques for frequency capping ad impressions, and keyword targeting and bidding Social networking: Learn how to store a complex social graph, modeled after Google+ Online gaming: Provide concurrent access to character and world data for a multiplayer role-playing game

Combine Pentaho Analytics and MongoDB to Create Powerful Analysis and Reporting Solutions
A hands-on guide to using MongoDB and Atlas in the real world
MongoDB Cookbook
Develop Strong Understanding of Administering MongoDB, CRUD Operations, MongoDB Commands, MongoDB Compass, MongoDB Server, MongoDB Replication and MongoDB Sharding (English Edition)
Powerful and Scalable Data Storage
Database and Expert Systems Applications

Manage, fine-tune, secure and deploy your MongoDB solution with ease with the help of practical recipes About This Book Configure and deploy your MongoDB instance securely, without any hassle Optimize your database's query performance, perform scale-out operations, and make your database highly available Practical guide with a recipe-based approach to help you tackle any problem in the application and database administration aspects of MongoDB Who This Book Is For Database administrators with a basic understanding of the features of MongoDB and who want to professionally configure, deploy, and administer a MongoDB database, will find this book essential. If you are a MongoDB developer and want to get into MongoDB administration, this book will also help you. What You Will Learn Install and deploy MongoDB in production Manage and implement optimal indexes Optimize monitoring in MongoDB Fine-tune the performance of your queries Debug and diagnose your database's performance Optimize database backups and recovery and ensure high availability Make your MongoDB instance scalable Implement security and user authentication features In Detail MongoDB is a high-performance and feature-rich NoSQL database that forms the backbone of the systems that power many different organizations. Packed with many features that have become essential for many different types of software professional and incredibly easy to use, this cookbook contains more than 100 recipes to address the everyday challenges of working with MongoDB. Starting with database configuration, you will understand the indexing aspects of MongoDB. The book also includes practical recipes on how you can optimize your database query performance, perform diagnostics, and query debugging. You will also learn how to implement the core administration tasks required for high-availability and scalability, achieved through replica sets and sharding, respectively. You will also implement server security concepts such as authentication, user management, role-based access models, and TLS configuration. You will also learn how to back up and recover your database efficiently and monitor server performance. By the end of this book, you will have all the information you need—along with tips, tricks, and best practices—to implement a high-performance MongoDB solution. Style and approach This practical book follows a problem-solution approach to help you tackle any issues encountered while performing MongoDB administrative tasks. Each recipe is detailed, and explained in a very easy to understand manner
The Definitive Guide to MongoDB, Third Edition, is updated for MongoDB 3 and includes all of the latest MongoDB features, including the aggregation framework introduced in version 2.2 and hashed indexes in version 2.4. The Third Edition also now includes Python. MongoDB is the most popular of the "Big Data" NoSQL database technologies, and it's still growing. David Hows from 10gen, along with experienced MongoDB authors Peter Membrey and Eelco Plugge, provide their expertise and experience in teaching you everything you need to know to become a MongoDB pro.
What is the purpose of MongoDB Transformation in relation to the mission? How is change control managed? Do you have enough freaky customers in your portfolio pushing you to the limit day in and day out? What management system can you use to leverage the MongoDB Transformation experience, ideas, and concerns of the people closest to the work to be done? Is supporting MongoDB Transformation documentation required? This astounding MongoDB Transformation self-assessment will make you the credible MongoDB Transformation domain master by revealing just what you need to know to be fluent and ready for any MongoDB Transformation challenge. How do I reduce the effort in the MongoDB Transformation work to be done to get problems solved? How can I ensure that plans of action include every MongoDB Transformation task and that every MongoDB Transformation outcome is in place? How will I save time investigating strategic and tactical options and ensuring MongoDB Transformation costs are low? How can I deliver tailored MongoDB Transformation advice instantly with structured going-forward plans? There's no better guide through these mind-expanding questions than acclaimed best-selling author Gerard Blokdyk. Blokdyk ensures all MongoDB Transformation essentials are covered, from every angle: the MongoDB Transformation self-assessment shows succinctly and clearly that what needs to be clarified to organize the required activities and processes so that MongoDB Transformation outcomes are achieved. Contains extensive criteria grounded in past and current successful projects and activities by experienced MongoDB Transformation practitioners. Their mastery, combined with the easy elegance of the self-assessment, provides its superior value to you in knowing how to ensure the outcome of any efforts in MongoDB Transformation are maximized with professional results. Your purchase includes access details to the MongoDB Transformation self-assessment dashboard download which gives you your dynamically prioritized projects-ready tool and shows you exactly what to do next. Your exclusive instant access details can be found in your book. You will receive the following contents with New and Updated specific criteria: - The latest quick edition of the book in PDF - The latest complete edition of the book in PDF, which criteria correspond to the criteria in... - The Self-Assessment Excel Dashboard - Example pre-filled Self-Assessment Excel Dashboard to get familiar with results generation - In-depth and specific MongoDB Transformation Checklists - Project management checklists and templates to assist

with implementation INCLUDES LIFETIME SELF ASSESSMENT UPDATES Every self assessment comes with Lifetime Updates and Lifetime Free Updated Books. Lifetime Updates is an industry-first feature which allows you to receive verified self assessment updates, ensuring you always have the most accurate information at your fingertips.

Summary The best way to learn microservices development is to build something! Bootstrapping Microservices with Docker, Kubernetes, and Terraform guides you from zero through to a complete microservices project, including fast prototyping, development, and deployment. You'll get your feet wet using industry-standard tools as you learn and practice the practical skills you'll use for every microservices application. Following a true bootstrapping approach, you'll begin with a simple, familiar application and build up your knowledge and skills as you create and deploy a real microservices project. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Taking microservices from proof of concept to production is a complex, multi-step operation relying on tools like Docker, Terraform, and Kubernetes for packaging and deployment. The best way to learn the process is to build a project from the ground up, and that's exactly what you'll do with this book! About the book In Bootstrapping Microservices with Docker, Kubernetes, and Terraform, author Ashley Davis lays out a comprehensive approach to building microservices. You'll start with a simple design and work layer-by-layer until you've created your own video streaming application. As you go, you'll learn to configure cloud infrastructure with Terraform, package microservices using Docker, and deploy your finished project to a Kubernetes cluster. What's inside Developing and testing microservices applications Working with cloud providers Applying automated testing Implementing infrastructure as code and setting up a continuous delivery pipeline Monitoring, managing, and troubleshooting About the reader Examples are in JavaScript. No experience with microservices, Kubernetes, Terraform, or Docker required. About the author Ashley Davis is a software developer, entrepreneur, stock trader, and the author of Manning's Data Wrangling with JavaScript. Table of Contents 1 Why microservices? 2 Creating your first microservice 3 Publishing your first microservice 4 Data management for microservices 5 Communication between microservices 6 Creating your production environment 7 Getting to continuous delivery 8 Automated testing for microservices 9 Exploring FlixTube 10 Healthy microservices 11 Pathways to scalability

Getting MEAN with Mongo, Express, Angular, and Node

MongoDB Administrator's Guide

Critical Perspectives on Mongo Beti

Mongo Cactus

Pivotal Certified Professional Spring Developer Exam

26th International Conference, DEXA 2015, Valencia, Spain, September 1-4, 2015, Proceedings, Part I

Manage the huMONGOus amount of data collected through your web application with MongoDB. This authoritative introduction—written by a core contributor to the project—shows you the many advantages of using document-oriented da demonstrates how this reliable, high-performance system allows for almost infinite horizontal scalability. This updated second edition provides guidance for database developers, advanced configuration for system administrators, and an over concepts and use cases for other people on your project. Ideal for NoSQL newcomers and experienced MongoDB users alike, this guide provides numerous real-world schema design examples. Get started with MongoDB core concepts and ve Perform basic write operations at different levels of safety and speed Create complex queries, with options for limiting, skipping, and sorting results Design an application that works well with MongoDB Aggregate data, including counting, f values, grouping documents, and using MapReduce Gather and interpret statistics about your collections and databases Set up replica sets and automatic failover in MongoDB Use sharding to scale horizontally, and learn how it impacts appl into monitoring, security and authentication, backup/restore, and other administrative tasks

Pentaho Analytics for MongoDB Cookbook

Spring Data