

Mastering Apache Solr A Practical Guide To Get To Grips With Apache Solr

This book is aimed at developers, designers, and architects who would like to build big data enterprise search solutions for their customers or organizations. No prior knowledge of Apache Hadoop and Apache Solr/Lucene technologies is required.

Step by step guide to monitor, manage, and secure your database engine Key Features Your companion to master all the administration-related tasks in MySQL 8 Ensure high performance and high availability of your MySQL solution using effective replication and backup techniques A comprehensive guide to performing query optimization, security and a whole host of other administrative tasks in MySQL 8 Book Description MySQL is one of the most popular and widely used relational databases in the world today. The recently released version 8.0 brings along some major advancements in the way your MySQL solution can be administered. This handbook will be your companion to understand the newly introduced features in MySQL and how you can leverage them to design a high-performance MySQL solution for your organization. This book starts with a brief introduction to the newly introduced features in MySQL 8, followed by quickly jumping onto the crucial administration topics that you will find useful in your day to day work. Topics such as migrating to MySQL 8, MySQL benchmarking, achieving high performance by implementing the indexing techniques, and optimizing your queries are covered in this book. You will also learn how to perform replication, scale your MySQL solution and implement effective security techniques. A special section on the common and not so common troubleshooting techniques for effective MySQL administration is also covered in this book. By the end of this highly practical book, you will have all the knowledge you need to tackle any problem you might encounter while administering your MySQL solution. What you will learn Understanding different MySQL 8 data types based on type of contents and storage requirements Best practices for optimal use of features in MySQL 8 Explore globalization configuration and caching techniques to improve performance Create custom storage engine as per system requirements Learn various ways of index implementation for flash memory storages Configure and implement replication along with approaches to use replication as solution Understand how to make your MySQL 8 solution highly available Troubleshoot common issues and identify error codes while using MySQL 8 Who this book is for This book is intended for MySQL administrators who are looking for a handy guide covering all the MySQL administration-related tasks. If you are a DBA looking to get started with MySQL administration, this book will also help you. Knowledge of the basic database concepts is required to get started with this book.

If you are a data analyst, developer, or simply someone who wants to use Hive to explore and analyze data in Hadoop, this is the book for you. Whether you are

File Type PDF Mastering Apache Solr A Practical Guide To Get To Grips With Apache Solr

new to big data or an expert, with this book, you will be able to master both the basic and the advanced features of Hive. Since Hive is an SQL-like language, some previous experience with the SQL language and databases is useful to have a better understanding of this book.

Work with the intricacies of Angular 2 to build efficient and flexible applications

About This Book* Effectively structure, write, test, and deploy your application* Harness the full power of Angular 2 by creating your own components* Query and modify data in various back ends and become proficient with the Promise API

Who This Book Is ForIf you are a JavaScript developer looking for a comprehensive learning path that will take you from the essentials to a high intermediate level, then this is the book for you. We assume that you have worked with Angular before and are new to Angular2. Working knowledge of HTML, CSS, and JavaScript is expected.

What You Will Learn* Design and code an effective navigation schema in your web application* Apply the dependency injection principle when designing Angular 2 components and services* Secure your web application from unauthorized users* Quickly create complex forms, taking full advantage of 2-way data binding* Unit test your code using the Jasmine BDD testing and Protractor frameworks* Integrate Bootstrap with Angular 2 using native directives* Utilize Angular 2 built-in classes to apply animation in your app

In DetailAre you a JavaScript developer with some experience of Angular JS under your belt? Are you wondering how the experts create more organized, readable, and testable code? Then your wait ends with this book. We'll teach you to build faster, more efficient, and more flexible applications. On this journey, you'll adopt the best practices and see an easier approach to migrating your existing Angular 1 app to Angular 2. You'll work with components, implement routing and navigation, and use asynchronous programming effectively using Observables. You will learn about template syntax and beautify Angular 2 applications with Material Design, then you'll progressively enhance your applications by managing services and animations. Next you'll integrate Bootstrap with Angular 2 using native directives and test your application using Jasmine and Protractor. At the end of the book, we'll dive deep into design patterns and you'll see how to implement them in your very own application.

ElasticSearch is an open source search server built on Apache Lucene. It was built to provide a scalable search solution with built-in support for near real-time search and multi-tenancy. Jumping into the world of ElasticSearch by setting up your own custom cluster, this book will show you how to create a fast, scalable, and flexible search solution. By learning the ins-and-outs of data indexing and analysis, "ElasticSearch Server" will start you on your journey to mastering the powerful capabilities of ElasticSearch. With practical chapters covering how to search data, extend your search, and go deep into cluster administration and search analysis, this book is perfect for those new and experienced with search servers. In "ElasticSearch Server" you will learn how to revolutionize your website

File Type PDF Mastering Apache Solr A Practical Guide To Get To Grips With Apache Solr

Jonathan Zittrain
Medium?
Washington Times?
TechRepublic ?
Global Daily?
Booklist?
Publishers Weekly?
Kirkus Reviews? ?
New York Journal of Books?
???

A practical tutorial that covers the difficult design, implementation, and management of search solutions. Mastering ElasticSearch is aimed at to intermediate users who want to extend their knowledge about ElasticSearch. The topics that are described in the book are detailed, but we assume that you already know the basics, like the query DSL or data indexing. Advanced users will also find this book useful, as the examples are getting deep into the internals where it is needed.

PMBOK?(?5?)???,PMBOK?(?5?)???,??47????????????????????
??,?????.?????????????,??????,??????,????????.

If you are a system or application developer interested in learning how to solve practical problems using the Hadoop framework, then this book is ideal for you. This book is also meant for Hadoop professionals who want to find solutions to the different challenges they come across in their Hadoop projects.

Topic: In the open source, full-text search community, a leader emerges – Apache Solr. Apache Solr enables you to index and access documents orders of magnitude faster than classical databases and thereby provides a first-class search experience to your end users. Brief Description: Mastering Apache Solr is a practical, hands-on guide containing crisp, relevant, systematically arranged, and progressive chapters. These chapters contain a wealth of information presented in a direct and easy-to-understand manner. This book covers key technical concepts, highlighting Solr's supremacy over classical databases in full-text search, which will help you accelerate your progress in the Solr world. Detailed Description: Mastering Apache Solr starts with an introduction to Apache Solr, its underlying technologies, the main differences between the classical database engines, and gradually moves to more advance topics like boosting performance. In this book, we will look under the hood of a large number of topics and discuss answers to pertinent questions like why denormalize data, how to import classical databases' data inside Apache Solr, how to serve Solr through five different web servers, how to optimize them to serve Solr even faster. An important and major

File Type PDF Mastering Apache Solr A Practical Guide To Get To Grips With Apache Solr

????????????AWT????????????????????
??Java????????????????????
??32?????319? ??????732????????????
????????15????????????????????????????????????15????????????????????????????????616????????????????369????????
PPT????? ???
?????:?????

Mastering Apache SolrA practical guide to get to grips with Apache SolrInKstall Solutions
????????????????????????????????, SQL,??????,????????????????????????????

Lucene 4 Cookbook is a practical guide that shows you how to build a scalable search engine for your application, from an internal documentation search to a wide-scale web implementation with millions of records. Starting with helping you to successfully install Apache Lucene, it will guide you through creating your first search application. Furthermore, the book walks you through analyzing your text and indexing your data to leverage the performance of your search application. As you progress through the chapters, you will learn to effectively search your indexes and successfully employ real-time searching. The chapters start off with simple concepts and build up to complex solutions that should help you on your way to becoming a search engine expert.

?????:?????
??
?,????????????????

Accelerate your enterprise search engine and bring relevancy in your search analytics
Key Features A practical guide in building expertise with Indexing, Faceting, Clustering and Pagination Master the management and administration of Enterprise Search Applications and services seamlessly Handle multiple data inputs such as JSON, xml, pdf, doc, xls,ppt, csv and much more. Book Description Apache Solr is the only standalone enterprise search server with a REST-like application interface. providing highly scalable, distributed search and index replication for many of the world's largest internet sites. To begin with, you would be introduced to how you perform full text search, multiple filter search, perform dynamic clustering and so on helping you to brush up the basics of Apache Solr. You will also explore the new features and advanced options released in Apache Solr 7.x which will get you numerous performance aspects and making data investigation simpler, easier and powerful. You will learn to build complex queries, extensive filters and how are they compiled in your system to bring relevance in your search tools. You will learn to carry out Solr scoring, elements affecting the document score and how you can optimize or tune the score for the application at hand. You will learn to extract features of documents, writing complex queries in re-ranking the documents. You will also learn advanced options helping you to know what content is indexed and how the extracted content is indexed. Throughout the book, you would go through complex problems with solutions along with varied approaches to tackle your business needs. By the end of this book, you will gain advanced proficiency to build out-of-box smart search solutions for your enterprise demands. What you will learn Design schema using schema API to access data in the database Advance querying and fine-tuning techniques for better performance Get to grips with indexing using Client API Set up a fault tolerant and highly available server with newer distributed capabilities, SolrCloud Explore Apache Tika to upload data with Solr Cell Understand different data operations that can be done while indexing Master advanced querying through Velocity Search UI, faceting and Query Re-ranking,

File Type PDF Mastering Apache Solr A Practical Guide To Get To Grips With Apache Solr

pagination and spatial search Learn to use JavaScript, Python, SolrJ and Ruby for interacting with Solr Who this book is for The book would rightly appeal to developers, software engineers, data engineers and database architects who are building or seeking to build enterprise-wide effective search engines for business intelligence. Prior experience of Apache Solr or Java programming is must to take the best of this book. Learn everything you need to build highly scalable, robust web applications using Angular release 4 About This Book Apply best practices and design patterns to achieve higher scalability in your Angular applications Understand the latest features of Angular and create your own components Get acquainted with powerful, advanced techniques in Angular to build professional web applications Who This Book Is For This book is for JavaScript developers with some prior exposure to Angular, at least through basic examples. We assume that you've got working knowledge of HTML, CSS, and JavaScript. What You Will Learn Implement asynchronous programming using Angular Beautify your application with the UI components built to the material design specification Secure your web application from unauthorized users Create complex forms, taking full advantage of 2-way data binding Test your Angular applications using the Jasmine and Protractor frameworks for better efficiency Learn how to integrate Angular with Bootstrap to create compelling web applications Use Angular built-in classes to apply animation in your app In Detail Got some experience of Angular under your belt? Want to learn everything about using advanced features for developing websites? This book is everything you need for the deep understanding of Angular that will set you apart from the developer crowd. Angular has introduced a new way to build applications. Creating complex and rich web applications, with a lighter resource footprint, has never been easier or faster. Angular is now at release 4, with significant changes through previous versions. This book has been written and tested for Angular release 4. Angular is a mature technology, and you'll likely have applications built with earlier versions. This book starts by showing you best practices and approaches to migrating your existing Angular applications so that you can be immediately up-to-date. You will take an in-depth look at components and see how to control the user journey in your applications by implementing routing and navigation. You will learn how to work with asynchronous programming by using Observables. To easily build applications that look great, you will learn all about template syntax and how to beautify applications with Material Design. Mastering forms and data binding will further speed up your application development time. Learning about managing services and animations will help you to progressively enhance your applications. Next you'll use native directives to integrate Bootstrap with Angular. You will see the best ways to test your application with the leading options such as Jasmine and Protractor. At the end of the book, you'll learn how to apply design patterns in Angular, and see the benefits they will bring to your development. Style and approach This book provides comprehensive coverage of all aspects of development with Angular. You will learn about all the most powerful Angular concepts, with examples and best practices. This book is everything you need for the deep understanding of Angular that will set you apart from the developer crowd. ??????????????????,?????????:??

Unleash the data processing and analytics capability of Apache Spark with the language of choice: Java About This Book Perform big data processing with Spark—without having to learn Scala! Use the Spark Java API to implement efficient

File Type PDF Mastering Apache Solr A Practical Guide To Get To Grips With Apache Solr

enterprise-grade applications for data processing and analytics Go beyond mainstream data processing by adding querying capability, Machine Learning, and graph processing using Spark Who This Book Is For If you are a Java developer interested in learning to use the popular Apache Spark framework, this book is the resource you need to get started. Apache Spark developers who are looking to build enterprise-grade applications in Java will also find this book very useful. What You Will Learn Process data using different file formats such as XML, JSON, CSV, and plain and delimited text, using the Spark core Library. Perform analytics on data from various data sources such as Kafka, and Flume using Spark Streaming Library Learn SQL schema creation and the analysis of structured data using various SQL functions including Windowing functions in the Spark SQL Library Explore Spark Mlib APIs while implementing Machine Learning techniques to solve real-world problems Get to know Spark GraphX so you understand various graph-based analytics that can be performed with Spark In Detail Apache Spark is the buzzword in the big data industry right now, especially with the increasing need for real-time streaming and data processing. While Spark is built on Scala, the Spark Java API exposes all the Spark features available in the Scala version for Java developers. This book will show you how you can implement various functionalities of the Apache Spark framework in Java, without stepping out of your comfort zone. The book starts with an introduction to the Apache Spark 2.x ecosystem, followed by explaining how to install and configure Spark, and refreshes the Java concepts that will be useful to you when consuming Apache Spark's APIs. You will explore RDD and its associated common Action and Transformation Java APIs, set up a production-like clustered environment, and work with Spark SQL. Moving on, you will perform near-real-time processing with Spark streaming, Machine Learning analytics with Spark MLlib, and graph processing with GraphX, all using various Java packages. By the end of the book, you will have a solid foundation in implementing components in the Spark framework in Java to build fast, real-time applications. Style and approach This practical guide teaches readers the fundamentals of the Apache Spark framework and how to implement components using the Java language. It is a unique blend of theory and practical examples, and is written in a way that will gradually build your knowledge of Apache Spark.

[Copyright: 6c5b5e55f912f51bc1e76c5f4bd06c86](#)