

Redis In Action

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Redis in Action - Home; Foreword; Preface; Acknowledgments; About this Book; About the Cover Illustration; Part 1: Getting Started. Chapter 1: Getting to Know Redis. 1.1 What is Redis? 1.1.1 Redis compared to other databases and software; 1.1.2 Other Features; 1.1.3 Why Redis? 1.2 What Redis data structures look like. 1.2.1 Strings in Redis ...

Redis in Action - Foreword

Redis in Action introduces Redis and walks you through examples that demonstrate how to use it effectively. You'll begin by getting Redis set up properly and then exploring the key-value model. Then, you'll dive into real use cases including simple caching, distributed ad targeting, and more. You'll learn how to scale Redis from small jobs to massive datasets.

Manning | Redis in Action

Redis in Action introduces Redis and the key-value model. You'll quickly dive into real use cases including simple caching, distributed ad targeting, and more. You'll learn how to scale Redis from small jobs to massive datasets and discover how to integrate with traditional RDBMS or other NoSQL stores.

Redis in Action: Amazon.co.uk: Josiah L. Carlson ...

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Redis in Action | Josiah L. Carlson | download

At the same time, Redis in Action comes from the Redis community, and more spe-cifically from someone who, before publishing this book, has already helped hun-dreds of Redis users in many different ways—from schema designs to hardware latency issues. The Redis Group is full of Josiah's advice and contributions.

Redis in Action - DropPDF

Redis expands on the key-value pattern by accepting a wide variety of data types, including hashes, strings, lists, and other structures. It provides lightning-fast operations on in-memory datasets, and also makes it easy to persist to disk on the fly. Plus, it's free and open source. Redis in Action introduces Redis and the key-value model ...

Redis in Action - Wow! eBook

redis-in-action This project intends to hold the various implementations of code from the book Redis in Action, written by Josiah Carlson, published by Manning Publications, which is available for purchase: http://manning.com/carlson/

GitHub - josiahcarlson/redis-in-action: Example code from ...

Redis in Action Redis is an innovative data tool that offers more flexibility than other available NoSQL key-value stores like Cassandra or DynamoDB. Because Redis accepts hashes, strings, lists, and other structures as values, you can expand the key-value idea to a wider...

Redis in Action (20) - Douban

[redis-in-action](#) is a [Redis](#) project. Contribute to jzmq/book development by creating an account on GitHub.

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Redis Enterprise is simply the best version of Redis, the most loved database in the world. It delivers unmatched performance, scalability, innovation, and financial value across cloud, on-premises, and hybrid deployments.

Redis Labs | The Best Redis Experience

Redis in Action. by Josiah L. Carlson | 28 Jun 2013. 4.0 out of 5 stars 2. Paperback £22.19 £ 22. 19 £28.99 £28.99 ...

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Redis in Action [Book] - O'Reilly Online Learning

Redis in Action introduces Redis and the key-value model. You'll quickly dive into real use cases including simple caching, distributed ad targeting, and more. You'll learn how to scale Redis from small jobs to massive datasets and discover how to integrate with traditional RDBMS or other NoSQL stores.

Redis in Action: Carlson, Dr. Josiah L.: 9781617290855 ...

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Foreword|Foreword - Redis

Redis in Action Eventually, you will unconditionally discover a further experience and exploit by spending more cash. yet when? reach you acknowledge that you require to get those all needs bearing in mind having significantly cash?

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Redis in Action introduces Redis and the key-value model. You'll quickly dive into real use cases including simple caching, distributed ad targeting, and more. You'll learn how to scale Redis from small jobs to massive datasets and discover how to integrate with traditional RDBMS or other NoSQL stores.

Redis in Action on Apple Books

Summary. Redis in Action introduces Redis and walks you through examples that demonstrate how to use it effectively. You'll begin by getting Redis set up properly and then exploring the key-value model. Then, you'll dive into real use cases including simple caching, distributed ad targeting, and more. You'll learn how to scale Redis from small jobs to massive datasets.

Redis in Action by Josiah L Carlson, Paperback | Barnes ...

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Redis in Action by Josiah L. Carlson

Dr. Josiah L Carlson is well known as an active and helpful contributor on the Redis mailing list. He has given talks about real-world uses of Redis, including building a self-service ad network, prioritizing task queues, web spiders, a Twitter analytics platform, real-time search engines, and more.

Presents an introduction to Redis and NoSQL database concepts, covering such topics as preprocessing in real time, managing in-memory datasets, and persisting to disk.

Summary Redis in Action introduces Redis and walks you through examples that demonstrate how to use it effectively. You'll begin by getting Redis set up properly and then exploring the key-value model. Then, you'll dive into real use cases including simple caching, distributed ad targeting, and more. You'll learn how to scale Redis from small jobs to massive datasets. Experienced developers will appreciate chapters on clustering and internal scripting to make Redis easier to use. About the Technology When you need near-real-time access to a fast-moving data stream, key-value stores like Redis are the way to go. Redis expands on the key-value pattern by accepting a wide variety of data types, including hashes, strings, lists, and other structures. It provides lightning-fast operations on in-memory datasets, and also makes it easy to persist to disk on the fly. Plus, it's free and open source. About this book Redis in Action introduces Redis and the key-value model. You'll quickly dive into real use cases including simple caching, distributed ad targeting, and more. You'll learn how to scale Redis from small jobs to massive datasets and discover how to integrate with traditional RDBMS or other NoSQL stores. Experienced developers will appreciate the in-depth chapters on clustering and internal scripting. Written for developers familiar with database concepts. No prior exposure to NoSQL database concepts nor to Redis itself is required. Appropriate for systems administrators comfortable with programming. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. What's Inside Redis from the ground up Preprocessing real-time data Managing in-memory datasets Pub/sub and configuration Persisting to disk About the Author Dr. Josiah L. Carlson is a seasoned database professional and an active contributor to the Redis community. Table of Contents PART 1 GETTING STARTED Getting to Know Redis Anatomy of a Redis web application PART 2 CORE CONCEPTS Commands in Redis Keeping data safe and ensuring performance Using Redis for application support Application components in Redis Search-based applications Building a simple social network PART 3 NEXT STEPS Reducing memory use Scaling Redis Scripting Redis with Lua

Summary Kafka Streams in Action teaches you everything you need to know to implement stream processing on data flowing into your Kafka platform, allowing you to focus on getting more from your data without sacrificing time or effort. Foreword by Neha Narkhede, Cocreator of Apache Kafka Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Not all stream-based applications require a dedicated processing cluster. The lightweight Kafka Streams library provides exactly the power and simplicity you need for message handling in microservices and real-time event processing. With the Kafka Streams API, you filter and transform data streams with just Kafka and your application. About the Book Kafka Streams in Action teaches you to implement stream processing within the Kafka platform. In this easy-to-follow book, you'll explore real-world examples to collect, transform, and aggregate data, work with multiple processors, and handle real-time events. You'll even dive into streaming SQL with KSQL! Practical to the very end, it finishes with testing and operational aspects, such as monitoring and debugging. What's inside Using the KStreams API Filtering, transforming, and splitting data Working with the Processor API Integrating with external systems About the Reader Assumes some experience with distributed systems. No knowledge of Kafka or streaming applications required. About the Author Bill Bejeck is a Kafka Streams contributor and Confluent engineer with over 15 years of software development experience. Table of Contents PART 1 – GETTING STARTED WITH KAFKA STREAMS Welcome to Kafka Streams Kafka quicklyPART 2 – KAFKA STREAMS DEVELOPMENT Developing Kafka Streams Streams and state The KTable API The Processor APIPART 3 – ADMINISTERING KAFKA STREAMS Monitoring and performance Testing a Kafka Streams applicationPART 4 – ADVANCED CONCEPTS WITH KAFKA STREAMS Advanced applications with Kafka StreamsAPPENDIXES Appendix A – Additional configuration information Appendix B – Exactly once semantics

Take your knowledge of Redis to the next level to build enthralling applications with ease About This Book Detailed explanation on Data structure server with powerful strings, lists, sets, sorted-sets, and hashes Learn to Scale your data with Redis Cluster's distributed setup This is a fast paced practical guide full of screenshots and real work examples to help you get to grips with Redis in no time. Who This Book Is For If you are a software developer with some experience with Redis and would now like to elevate your Redis knowledge and skills even further, then this book is for you. What You Will Learn Choose the right Redis data structure for your problem Understand Redis event-loop and implement your own custom C commands Solve complex workflows with Redis server-side scripting with Lua Configure your Redis instance for optimal memory management Scale your data in a distributed manner with Redis Cluster Improve the stability of your Redis solution using Redis Sentinel Complement your existing database and NoSQL environment with Redis Exploit a wide range of features provided by Redis to become a DevOps expert. In Detail Redis is the most popular, open-source, key value data structure server that provides a wide range of capabilities on which multiple platforms can be built. Its fast and flexible data structures give your existing applications an edge in the development environment. This book is a practical guide which aims to help you deep dive into the world of Redis data structure to exploit its excellent features. We start our journey by understanding the need of Redis in brief, followed by an explanation of Advanced key management. Next, you will learn about design patterns, best practices for using Redis in DevOps environment and Docker containerization paradigm in detail. After this, you will understand the concept of scaling with Redis cluster and Redis Sentinel , followed by a through explanation of incorporating Redis with NoSQL technologies such as Elasticsearch and MongoDB. At the end of this section, you will be able to develop competent applications using these technologies. You will then explore the message queuing and task management features of Redis and will be able to implement them in your applications. Finally, you will learn how Redis can be used to build real-time data analytic dashboards, for different disparate data streams. Style and approach This is a hands on guide full of easy-to-follow examples, that illustrate important concepts and techniques to solve complex problems with Redis.

Written by the Redis dream team—including its creator, key developers, and the community itself—this book provides the details you need to implement this advanced key-value data store quickly and discerningly. Database administrators, architects, and programmers will learn how to work with different data structures in Redis, how to handle memory, replication, and the cache itself, and how to implement messaging, using just the shell or programming APIs in Ruby, Python, and JavaScript. Whether you're new to Redis or have been using this data store for some time, Redis: The Definitive Guide will show you the best programming patterns and practices for building high-performance, high volume applications with Redis, one of the most popular of the tools put under the rubric of NoSQL. You'll also get a collection of recipes to help you solve scores of common problems. Discover why Redis is one of the most popular solutions to deal with big data problems.

Two years since its initial release, Redis already has an impressive list of adopters, including Engine Yard, GitHub, Craigslist, and Digg. This open source data structure server is built for speed and flexibility, making it ideal for many applications. If you're using Redis, or considering it, this concise cookbook provides recipes for a variety of issues you're likely to face. Each recipe solves a specific problem, and provides an in-depth discussion of how the solution works. You'll discover that Redis, while simple in nature, offers extensive functionality for manipulating and storing data. Learn when it makes sense to use Redis Explore several methods for installing Redis Connect to Redis in a number of ways, ranging from the command line to popular languages such as Python and Ruby Solve a range of needs, from linked datasets to analytics Handle backups, sharding, datasets larger than available memory, and many other tasks

Leverage the power of Redis 4.x to develop, optimize and administer your Redis solutions with ease Key Features Build, deploy and administer high performance and scalable applications in Redis Covers a range of important tasks - including development and administration of Redis A practical guide that takes your understanding of Redis to the next level Book Description Redis is considered the world's most popular key-value store database. Its versatility and the wide variety of use cases it enables have made it a popular choice of database for many enterprises. Based on the latest version of Redis, this book provides both step-by-step recipes and relevant the background information required to utilize its features to the fullest. It covers everything from a basic understanding of Redis data types to advanced aspects of Redis high availability, clustering, administration, and troubleshooting. This book will be your great companion to master all aspects of Redis. The book starts off by installing and configuring Redis for you to get started with ease. Moving on, all the data types and features of Redis are introduced in detail. Next, you will learn how to develop applications with Redis in Java, Python, and the Spring Boot web framework. You will also learn replication tasks, which will help you to troubleshoot replication issues. Furthermore, you will learn the steps that need to be undertaken to ensure high availability on your cluster and during production deployment. Toward the end of the book, you will learn the topmost tasks that will help you to troubleshoot your ecosystem efficiently, along with extending Redis by using different modules. What you will learn Install and configure your Redis instance Explore various data types and commands in Redis Build client-side applications as well as a Big Data framework with Redis Manage data replication and persistence in Redis Implement high availability and data sharding in Redis Extend Redis with Redis Module Benchmark, debug, fine-tune and troubleshoot various issues in Redis Who this book is for This book is for database administrators, developers and architects who want to tackle the common and not so common problems associated with the different development and administration-related tasks in Redis. A fundamental understanding of Redis is expected to get the best out of this book.

Summary Elasticsearch in Action teaches you how to build scalable search applications using Elasticsearch. You'll ramp up fast, with an informative overview and an engaging introductory example. Within the first few chapters, you'll pick up the core concepts you need to implement basic searches and efficient indexing. With the fundamentals well in hand, you'll go on to gain an organized view of how to optimize your design. Perfect for developers and administrators building and managing search-oriented applications. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Modern search seems like magic—you type a few words and the search engine appears to know what you want. With the Elasticsearch real-time search and analytics engine, you can give your users this magical experience without having to do complex low-level programming or understand advanced data science algorithms. You just install it, tweak it, and get on with your work. About the Book Elasticsearch in Action teaches you how to write applications that deliver professional quality search. As you read, you'll learn to add basic search features to any application, enhance search results with predictive analysis and relevancy ranking, and use saved data from prior searches to give users a custom experience. This practical book focuses on Elasticsearch's REST API via HTTP. Code snippets are written mostly in bash using curl, so they're easily translatable to other languages. What's Inside What is a great search application? Building scalable search solutions Using Elasticsearch with any language Configuration and tuning About the Reader For developers and administrators building and managing search-oriented applications. About the Authors Radu Gheorghe is a search consultant and software engineer. Matthew Lee Himan develops highly available, cloud-based systems. Roy Russo is a specialist in predictive analytics. Table of Contents PART 1 CORE ELASTICSEARCH FUNCTIONALITY Introducing Elasticsearch Diving into the functionality Indexing, updating, and deleting data Searching your data Analyzing your data Searching with relevancy Exploring your data with aggregations Relations among documents PART 2 ADVANCED ELASTICSEARCH FUNCTIONALITY Scaling out Improving performance Administering your cluster

Summary MongoDB in Action, Second Edition is a completely revised and updated version. It introduces MongoDB 3.0 and the document-oriented database model. This perfectly paced book gives you both the big picture you'll need as a developer and enough low-level detail to satisfy system engineers. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology This document-oriented database was built for high availability, supports rich, dynamic schemas, and lets you easily distribute data across multiple servers. MongoDB 3.0 is flexible, scalable, and very fast, even with big data loads. About the Book MongoDB in Action, Second Edition is a completely revised and updated version. It introduces MongoDB 3.0 and the document-oriented database model. This perfectly paced book gives you both the big picture you'll need as a developer and enough low-level detail to satisfy system engineers. Lots of examples will help you develop confidence in the crucial area of data modeling. You'll also love the deep explanations of each feature, including replication, auto-sharding, and deployment. What's Inside Indexes, queries, and standard DB operations Aggregation and text searching Map-reduce for custom aggregations and reporting Deploying for scale and high availability Updated for Mongo 3.0 About the Reader Written for developers. No previous MongoDB or NoSQL experience is assumed. About the Authors After working at MongoDB, Kyle Banker is now at a startup. Peter Bakum is a developer with MongoDB expertise. Shaun Verch has worked on the core server team at MongoDB. A Genentech engineer, Doug Garrett is one of the winners of the MongoDB Innovation Award for Analytics. A software architect, Tim Hawkins has led search engineering at Yahoo Europe. Technical Contributor: Wouter Thienen. Technical Editor: Mihalis Tsoukalos. Table of Contents PART 1 GETTING STARTED A database for the modern web Mongodb through the JavaScript shell Writing programs using MongoDB PART 2 APPLICATION DEVELOPMENT IN MONGODB Document-oriented data Constructing queries Aggregation Updates, atomic operations, and deletes PART 3 MONGODB MASTERY Indexing and query optimization Text search WiredTiger and pluggable storage Replication Scaling your system with sharding Deployment and administration

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