



Mastering Redis

By Jeremy Nelson



Mastering Redis By Jeremy Nelson

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.

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Editorial Review

About the Author

Jeremy Nelson

Jeremy Nelson is the metadata and systems librarian at Colorado College, a 4-year private liberal arts college in Colorado Springs. In addition to working 8 hours a week on the library's research helpdesk, providing information literacy instructions to undergraduates, and supervising the library's systems and cataloging departments, Nelson is actively researching and developing various components and open source tools in the Catalog Pull Platform for use by Colorado College, the Colorado Alliance of Research Libraries Consortium, and the Library of Congress. He is also co-founder and CTO of KnowledgeLinks.io, a semantic web startup. His previous library experience includes jobs at Western State Colorado University and the University of Utah. Prior to becoming a librarian, he worked as programmer and project manager at various software companies and financial services institutions. His first book, *Becoming a Lean Library*, published in 2015, applies lean startup and lean manufacturing ideas to libraries and library operations. Nelson's undergraduate degree is from Knox College and his master's of science in library and information science is from the University of Illinois Urbana-Champaign.

Users Review

From reader reviews:

Kimberly Kiser:

Now a day individuals who Living in the era wherever everything reachable by connect to the internet and the resources included can be true or not demand people to be aware of each facts they get. How many people to be smart in receiving any information nowadays? Of course the answer then is reading a book. Looking at a book can help folks out of this uncertainty Information mainly this Mastering Redis book because this book offers you rich details and knowledge. Of course the information in this book hundred % guarantees there is no doubt in it you probably know this.

James Goodman:

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Matthew Wallace:

The book untitled Mastering Redis contain a lot of information on the idea. The writer explains the woman

idea with easy way. The language is very clear and understandable all the people, so do not worry, you can easy to read it. The book was published by famous author. The author will take you in the new period of literary works. You can easily read this book because you can please read on your smart phone, or gadget, so you can read the book in anywhere and anytime. If you want to buy the e-book, you can wide open their official web-site and also order it. Have a nice examine.

Nicolas Jones:

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