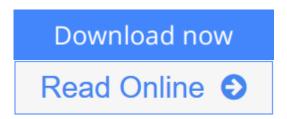# Redis Essentials

By Maxwell Dayvson Da Silva, Hugo Lopes Tavares

Redis Essentials By Maxwell Dayvson Da Silva, Hugo Lopes Tavares

Harness the power of Redis to integrate and manage your projects efficiently

About This Book

- Learn how to use Redis's data types efficiently to manage large data sets
- Scale Redis to multiple servers with Twemproxy, Redis Sentinel, and Redis Cluster
- A fast-paced guide, full of real-world examples to help you get the best out of the features offered by Redis

Who This Book Is For

If you are a competent developer with experience of working with data structure servers and want to boost your project's performance by learning about features of Redis, then this book is for you.

What You Will Learn

- Build analytics applications using Bitmaps and Hyperloglogs
- Enhance scalability with Twemproxy, Redis Sentinel, and Redis Cluster
- Build a Time Series implementation in Node.js and Redis
- Create your own Redis commands by extending Redis with Lua
- Get to know security techniques to protect your data (SSL encryption, firewall rules, basic authorization)
- Persist data to disk and learn the trade-offs of AOF and RDB
- Understand how to use Node.js, PHP, Python, and Ruby clients for Redis
- Avoid common pitfalls when designing your next solution

In Detail

Redis is the most popular in-memory key-value data store. It's very lightweight and its data types give it an edge over the other competitors. If you need an in-memory database or a high-performance cache system that is simple to use and

highly scalable, Redis is what you need.

Redis Essentials is a fast-paced guide that teaches the fundamentals on data types, explains how to manage data through commands, and shares experiences from big players in the industry.

We start off by explaining the basics of Redis followed by the various data types such as Strings, hashes, lists, and more. Next, Common pitfalls for various scenarios are described, followed by solutions to ensure you do not fall into common traps.

After this, major differences between client implementations in PHP, Python, and Ruby are presented. Next, you will learn how to extend Redis with Lua, get to know security techniques such as basic authorization, firewall rules, and SSL encryption, and discover how to use Twemproxy, Redis Sentinel, and Redis Cluster to scale infrastructures horizontally. At the end of this book, you will be able to utilize all the essential features of Redis to optimize your project's performance.

Style and approach

A practical guide that offers the foundation upon which you can begin to understand the capabilities of Redis using a step-by-step approach. This book is full of real-world problems and in-depth knowledge of the concepts and features of Redis, with plenty of examples.

Download Redis Essentials ...pdf

Read Online Redis Essentials ...pdf

Redis Essentials

By Maxwell Dayvson Da Silva, Hugo Lopes Tavares

Redis Essentials By Maxwell Dayvson Da Silva, Hugo Lopes Tavares

Harness the power of Redis to integrate and manage your projects efficiently

About This Book

- Learn how to use Redis's data types efficiently to manage large data sets
- Scale Redis to multiple servers with Twemproxy, Redis Sentinel, and Redis Cluster
- A fast-paced guide, full of real-world examples to help you get the best out of the features offered by Redis

Who This Book Is For

If you are a competent developer with experience of working with data structure servers and want to boost your project's performance by learning about features of Redis, then this book is for you.

What You Will Learn

- Build analytics applications using Bitmaps and Hyperloglogs
- Enhance scalability with Twemproxy, Redis Sentinel, and Redis Cluster
- Build a Time Series implementation in Node.js and Redis
- Create your own Redis commands by extending Redis with Lua
- Get to know security techniques to protect your data (SSL encryption, firewall rules, basic authorization)
- Persist data to disk and learn the trade-offs of AOF and RDB
- Understand how to use Node.js, PHP, Python, and Ruby clients for Redis
- Avoid common pitfalls when designing your next solution

In Detail

Redis is the most popular in-memory key-value data store. It's very lightweight and its data types give it an edge over the other competitors. If you need an in-memory database or a high-performance cache system that is simple to use and highly scalable, Redis is what you need.

Redis Essentials is a fast-paced guide that teaches the fundamentals on data types, explains how to manage data through commands, and shares experiences from big players in the industry.

We start off by explaining the basics of Redis followed by the various data types such as Strings, hashes, lists, and more. Next, Common pitfalls for various scenarios are described, followed by solutions to ensure you do not fall into common traps.

After this, major differences between client implementations in PHP, Python, and Ruby are presented. Next, you will learn how to extend Redis with Lua, get to know security techniques such as basic authorization, firewall rules, and SSL encryption, and discover how to use Twemproxy, Redis Sentinel, and Redis Cluster to scale infrastructures horizontally. At the end of this book, you will be able to utilize all the essential

features of Redis to optimize your project's performance.

Style and approach

A practical guide that offers the foundation upon which you can begin to understand the capabilities of Redis using a step-by-step approach. This book is full of real-world problems and in-depth knowledge of the concepts and features of Redis, with plenty of examples.

Redis Essentials By Maxwell Dayvson Da Silva, Hugo Lopes Tavares Bibliography

- Rank: #332392 in eBooks
- Published on: 2015-09-08
- Released on: 2015-09-15
- Format: Kindle eBook

⬇ Download Redis Essentials ...pdf

▤ Read Online Redis Essentials ...pdf

Download and Read Free Online Redis Essentials By Maxwell Dayvson Da Silva, Hugo Lopes Tavares

Editorial Review

About the Author

Maxwell Dayvson Da Silva

Maxwell Dayvson Da Silva, a self-taught programmer, is the director of technology at The New York Times. Born in Recife, Brazil, he is a video specialist and is most interested in bringing technology to a global audience. His work has ranged from developing and delivering highly scalable products to innovating and implementing large-scale video solutions. Prior to joining the Times, he worked for Globo, Brazil's leading media network, and Terra, a global digital media company. Additionally, he has spoken at conferences such as Campus Party, FISL, SET Broadcast and Cable, Streaming Media East, and Streaming Media West. Maxwell has also devoted time to speaking at several Brazilian universities, including UFGRS, IFRS, UDESC, and FEEVALE-RS. He is a contributor to and creator of some open source projects. You can find them at https://github.com/dayvson. Outside of his professional work, Maxwell regularly combines his passion for art and science to create games and interactive art installations. His son, Arthur, inspires him to seek opportunities to bring science into the lives of young people, both in New York and abroad. Although Redis Essentials is Maxwell's first book, he has done technical reviewing for two others, Extending Bootstrap and Learning JavaScript Data Structures and Algorithms. You can contact him on LinkedIn at http://www.linkedin.com/in/dayvson.

Hugo Lopes Tavares

Hugo Lopes Tavares is a software developer from Brazil who currently works as a platform engineer at Yipit, a technology company focused on data aggregation and analysis. Prior to his work in the United States, Hugo worked on live streaming video development for Globo.com, the Internet branch of Grupo Globo, which is the largest media conglomerate in Latin America. Having been involved in open source software, he has made a significant impact in this field. He was a main contributor to pip (the Python package installer), wrote improvements to CPython and the Python standard library, coauthored Splinter (a web-testing tool), and contributed to many well-known projects. Some of his contributions can be found at https://github.com/hltbra. Additionally, Hugo worked at NSI (Information Systems Research Group), carrying out research and development on agile methods and software quality for the Brazilian government. Within his research, he created some testing tools, the most famous of which are Should-DSL and PyCukes, which are mentioned in Python Testing Cookbook, Packt Publishing (Should-DSL has its own section in it). When Hugo is not doing anything related to technology, he is involved in strength training as an amateur powerlifter. You can contact him on LinkedIn at https://www.linkedin.com/in/hltbra.

Users Review

From reader reviews:

Jose Murry:

Why don't make it to be your habit? Right now, try to ready your time to do the important act, like looking

for your favorite book and reading a e-book. Beside you can solve your condition; you can add your knowledge by the e-book entitled Redis Essentials. Try to face the book Redis Essentials as your buddy. It means that it can being your friend when you experience alone and beside associated with course make you smarter than before. Yeah, it is very fortuned in your case. The book makes you considerably more confidence because you can know every little thing by the book. So , let me make new experience in addition to knowledge with this book.

Arthur Dickison:

Hey guys, do you would like to finds a new book to learn? May be the book with the name Redis Essentials suitable to you? Typically the book was written by well-known writer in this era. The book untitled Redis Essentialsis a single of several books this everyone read now. This particular book was inspired lots of people in the world. When you read this e-book you will enter the new dimension that you ever know previous to. The author explained their concept in the simple way, and so all of people can easily to comprehend the core of this book. This book will give you a great deal of information about this world now. So that you can see the represented of the world within this book.

Georgia Evans:

Is it you actually who having spare time and then spend it whole day by watching television programs or just telling lies on the bed? Do you need something totally new? This Redis Essentials can be the respond to, oh how comes? It's a book you know. You are therefore out of date, spending your extra time by reading in this new era is common not a geek activity. So what these ebooks have than the others?

Ralph Rodriguez:

A lot of people said that they feel weary when they reading a guide. They are directly felt the idea when they get a half regions of the book. You can choose the actual book Redis Essentials to make your current reading is interesting. Your own personal skill of reading proficiency is developing when you similar to reading. Try to choose simple book to make you enjoy to learn it and mingle the feeling about book and reading especially. It is to be initially opinion for you to like to available a book and study it. Beside that the book Redis Essentials can to be your friend when you're sense alone and confuse in doing what must you're doing of their time.

Download and Read Online Redis Essentials By Maxwell Dayvson Da Silva, Hugo Lopes Tavares #VSD3GKUAQ4T

Read Redis Essentials By Maxwell Dayvson Da Silva, Hugo Lopes Tavares for online ebook

Redis Essentials By Maxwell Dayvson Da Silva, Hugo Lopes Tavares Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Redis Essentials By Maxwell Dayvson Da Silva, Hugo Lopes Tavares books to read online.

Online Redis Essentials By Maxwell Dayvson Da Silva, Hugo Lopes Tavares ebook PDF download

Redis Essentials By Maxwell Dayvson Da Silva, Hugo Lopes Tavares Doc

Redis Essentials By Maxwell Dayvson Da Silva, Hugo Lopes Tavares Mobipocket

Redis Essentials By Maxwell Dayvson Da Silva, Hugo Lopes Tavares EPub

VSD3GKUAQ4T: Redis Essentials By Maxwell Dayvson Da Silva, Hugo Lopes Tavares