



MongoDB Data Modeling

Wilson da Rocha Franca

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Focus on data usage and better design schemas with the help of MongoDB

About This Book

- Create reliable, scalable data models with MongoDB
- Optimize the schema design process to support applications of all kinds
- Use this comprehensive guide to implement advanced schema designs

Who This Book Is For

This book is intended for database professionals, software developers, and architects who have some previous experience with MongoDB and now want to shift their focus to the concepts of data modeling. If you wish to develop better schema designs for MongoDB-based applications, this book is ideal for you.

What You Will Learn

- Optimize your models based on priorities
- Discover the schemaless document-oriented database design
- Improve the process of querying a document with the help of indexing
- Set up a sharded environment with replication
- Configure the read preference in accordance with your application's requirements
- Create effective indexes that will fit your application needs
- Understand how to analyze the performance of your queries to avoid performance issues

In Detail

This book covers the basic concepts in data modeling and also provides you with the tools to design better schemas. With a focus on data usage, this book will cover how queries and indexes can influence the way we design schemas, with thorough examples and detailed code.

The book begins with a brief discussion of data models, drawing a parallel between relational databases, NoSQL, and consequently MongoDB. Next, the book explains the most basic MongoDB concepts, such as read and write operations, indexing, and how to design schemas by knowing how applications will use the data. Finally, we will talk about best practices that will help you optimize and manage your database, presenting you with a real-life example of data modeling on a real-time logging analytics application.

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Spent a free time to be fun activity to accomplish! A lot of people spent their sparetime with their family, or their friends. Usually they carrying out activity like watching television, planning to beach, or picnic inside the park. They actually doing same task every week. Do you feel it? Do you want to something different to fill your own personal free time/ holiday? Might be reading a book could be option to fill your no cost time/ holiday. The first thing you ask may be what kinds of book that you should read. If you want to consider look for book, may be the publication untitled MongoDB Data Modeling can be excellent book to read. May be it might be best activity to you.

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