

RESTful API Design Guidelines, MongoDB 4.x

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Textbook

- **Bogunuva Mohanram Balachandar. RESTful Java Web Services - Third Edition (2017). Packt Publishing Limited.**
 - Chapter 8: RESTful API Design Guidelines
- **Alex Giamas. Mastering MongoDB 4.x - Second Edition (2019). Packt Publishing Limited.**
 - Chapter 8: Monitoring, Backup, and Security
 - Chapter 9: Storage Engines
 - Chapter 10: MongoDB Tooling
 - Chapter 11: Harnessing Big Data with MongoDB

Sample Code

- Available at <https://go.newai.vn/2tWLJx8>

Update Log

- 29/01/2020: release first version of this slide

Objective (1)

- Designing RESTful APIs
- Implementing partial response
- Paging a resource collection
- Versioning RESTful web APIs
- Caching RESTful web API results
- Microservice architecture style for RESTful web applications

Objective (2)

- We will cover operational concepts and how MongoDB interacts with the data processing ecosystem
- We will start by learning how MongoDB deals with monitoring, backup, and security, followed by an overview of the different storage engines that are available in MongoDB
- In the MongoDB tooling chapter, we will learn about all the tools, including Stitch and Atlas, that we can use to interact with MongoDB, followed by a chapter that covers a use case about how we can process big data using MongoDB

Outline

(The outline of this chapter is referenced from textbooks).

Chapter Content

- Chapter contents are available in the main textbook of this course.

END OF CHAPTER