

Description and Discovery of RESTful Web Services, MongoDB 4.x

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Textbook

- **Bogunuva Mohanram Balachandar. RESTful Java Web Services - Third Edition (2017). Packt Publishing Limited.**
 - Chapter 7: Description and Discovery of RESTful Web Services
- **Alex Giamas. Mastering MongoDB 4.x - Second Edition (2019). Packt Publishing Limited.**
 - Chapter 3: MongoDB CRUD Operations
 - Chapter 4: Advanced Querying
 - Chapter 5: Multi-Document ACID Transactions
 - Chapter 6: Aggregation
 - Chapter 7: Indexing

Sample Code

- Available at <https://go.newai.vn/2tVQ7wl>

Update Log

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

Objective (1)

- Web Application Description Language
- RESTful API Modeling Language
- Swagger

Objective (2)

- We will cover more advanced MongoDB operations
- Starting with CRUD operations, which are the most used operations
- Then, we will move on to more advanced querying concepts, followed by multi-document ACID transactions, which were introduced in version 4.0
- The next topic to be covered is the aggregation framework, which can help users process big data in a structured and efficient way
- Finally, we will learn how to index our data such that reads are way faster, but without impacting write performance

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