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Spring Boot Development

Andy Olsen

andyo@olsensoft.com



Course Contents

1. Introduction to Spring Boot
2. Creating Spring Boot Applications
3. Beans and Dependency Injection
4. Injection Techniques
5. Configuration Classes
6. Spring Boot Techniques
7. Integrating with Data Sources
8. Querying and Modifying Entities
9. Spring Data Repositories



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- 10. Implementing a Simple REST Service
- 11. Implementing a Full REST Service
- 12. Additional REST Service Techniques
- 13. Testing Spring Boot Applications
- 14. Messaging with Kafka
- 15. Containerizing a Spring Boot App



Appendices

- A. Reactive Programming
- B. Creating Enterprise Reactive Apps, Part 1
- C. Creating Enterprise Reactive Apps, Part 2
- D. Aspect-Oriented Programming
- E. Going Further with AOP
- F. Thymeleaf
- G. Kafka Topics, Partitions, and Consumers
- H. Task Execution and Scheduling
- I. Authentication using OAuth2
- J. Docker Compose