

Fast Track to Spring Boot

Intermediate Spring Boot REST Services - 4 Day

1. Day 1 - Intro & Overview
 - 1.1. Course, Instructor & Student Introductions
 - 1.2. Spring Boot Overview & Core Concepts
 - 1.3. Core Spring/Spring Boot Components & Classes
 - 1.3.1. Controller
 - 1.3.2. Service
 - 1.3.3. Spring Boot Application
 - 1.3.4. Spring Configuration Management
 - 1.3.4.1. Properties
 - 1.3.4.2. YAML
 - 1.3.4.3. Profiles
2. Day 2 - Test & Rest
 - 2.1. Spring MVC Overview
 - 2.2. Testing REST services
 - 2.2.1. JUnit
 - 2.2.2. REST Client Test
 - 2.2.3. Mockito
 - 2.3. Request Mapping with Spring MVC
 - 2.3.1. Verbs
 - 2.3.2. Headers
 - 2.3.3. Request Parameters
 - 2.3.4. Request Body
3. Day 3 - Requests & Error Handling
 - 3.1. Advanced Request Mapping
 - 3.1.1. Custom JSON serialization
 - 3.1.2. Interceptors
 - 3.1.3. CORS
 - 3.2. Exception Handling and Mapping
 - 3.2.1. Standard Exceptions
 - 3.2.2. Custom Exception Handlers
 - 3.2.3. Controller Advice
 - 3.2.4. Custom Errors
 - 3.3. Building Custom Annotations
4. Day 4 - Security and Wrap-up
 - 4.1. Security using Spring Boot Security
 - 4.1.1. MVC Security
 - 4.1.2. Global and Method Security
 - 4.1.3. OAuth Security
 - 4.2. Service/API Versioning
 - 4.3. Outstanding Questions
 - 4.4. Class Review and wrap-up