

Spring Boot App



Session Plan

- ✓ Introduction
- ✓ Configuration & Customization
- ✓ Spring Boot Database Support
- ✓ Spring Boot Web/REST
- ✓ Actuator and Devtools



Day 1

Introduction to Spring Boot



Introduction

- A brief Overview of Maven
- Intro to Spring Boot - What is Spring Boot and What It Does
- Spring Boot Hello World
- Different APIs such as `SpringBootApplication`, `CommandLineRunner`, `ApplicationRunner`



Configuration & Customization

- Working with Properties - YAML and .properties
- Logging and its Configuration
- Auto-configuration Overview
- Customization



Day 2

Spring Boot Database Support



Spring Boot Database Support

- Basic Auto-configuration - DataSource and Pooling
- Configuring Spring Data
- Repositories and JPA Repositories
- Using CrudRepository
- Spring Data Querying
- Naming Conventions for Querying



Day 3

Spring Boot REST, Actuator, Devtools



Spring Boot Rest Service

- DispatcherServlet Review
- Web Starters and Configuration spring-boot-starter-web
- Using Embedded Servers (Tomcat, Netty)
- Usage of template thymeleaf



Actuator and Devtools

- Actuator Overview and Capabilities
- Actuator Endpoints
- Custom Actuators and Health Checks
- Devtools Overview
- Other Tools and Features



THANK YOU

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