

# Spring Boot

# Why Spring Boot

- Simplifies Creation of Projects
- Simplifies Configuration
- Additional Features:
  - auto-configuration
  - monitoring

# Getting Started

- [Reference Docs](#)
- [Spring Projects](#)
- [Spring Boot Samples](#)

# Spring Initializr

- [Spring Initializr](#)
- IntelliJ Integration

# Maven

```
<dependencies>
  <dependency>
    <groupId>org.springframework.boot<groupId>
    <artifactId>spring-boot-starter-data-jpa<artifactId>
  </dependency>
  <dependency>
    <groupId>com.h2database<groupId>
    <artifactId>h2</artifactId>
    <scope>runtime</scope>
  </dependency>
  <dependency>
    <groupId>org.springframework.boot<groupId>
    <artifactId>spring-boot-starter-test<artifactId>
    <scope>test</scope>
  </dependency>
</dependencies>

<build>
  <plugins>
    <plugin>
      <groupId>org.springframework.boot<groupId>
      <artifactId>spring-boot-maven-plugin<artifactId>
    </plugin>
  </plugins>
</build>
```

- automatic version management
- starter pom

# Spring Boot Application

- `@SpringBootApplication`
- `@SpringBootTest`
- `application.properties`

# Summary

- Automatic Dependency Versioning
- Automatic Scanning and Bean Detection
- Autoconfiguration