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Introduction

Spring Boot provides a good platform for Java developers to develop a stand-alone and production-grade spring application. You can get started with minimum configurations without the need for an entire Spring configuration setup.

Advantage

Spring Boot offers the following advantages to its developers −

1. Spring Boot makes it easy to create stand-alone enterprise application
2. Easy to understand and develop spring applications
3. Single class will run your entire application with integrated web server.
4. Reduces the development time
5. Microservices can be developed in spring boot

Goals

1. Spring Boot remove all these dependencies problems and having separate tomcat/jetty server.
2. To avoid complex XML configuration in Spring.

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3. To develop a production ready Spring applications in an easier way.
4. It provides CLI (Command Line Interface) tool to develop and test Spring Boot(Java or Groovy) Applications from command prompt very easily and quickly.

Why Spring Boot?

1. It offers annotation-based spring application
2. To ease the Java-based applications Development, Unit Test and Integration Test Process.
3. To reduce Development, Unit Test and Integration Test time by providing some defaults.

Spring Boot Features

1. Web Development
2. Spring Application
3. Application events and listeners
4. Admin features
5. Externalized Configuration
6. Properties Files
7. Security

Web Development

It is well suited Spring module

for web application development. We can easily create a self-contained HTTP server using embedded Tomcat, Jetty or Undertow. We can use the spring-boot- starter-web module to start and running application quickly.

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