**Spring**

* Spring very popular framework for building Java applications
* Provides a large number of helper classes and annotations

**Spring Problem:**

* Building a traditional Spring application is really hard
  + Which Jar dependencies do I need?
  + How do I set up configuration
  + How do I install the server

**Solution is Spring BOOT**

* Make it easer to get started with Spring development
* Minimize the amount of manual configuration
  + Performs auto-configuratuon based on props files and JAR
* Helps to resolve dependency conflicts (Maven)
* Provides an embedded HTTP server

**Spring Boot and Spring**

* Spring Boot uses Spring behind the scenes
* Spring Boot simply makes it easier to use Spring

**Spring Boot Embedded Server**

* Provide an embedded HTTP server
* No need to install server separately

When you have your application (yourAppllication.jar) this jar includes your program code and also includes server. So the Jar is self-contained unit, Nothing else to install

**Running Spring Boot Apps**

* Spring Boot apps can be run standalone (because of embedded server)
* Run the Spring Boot app from the IDE or command-line
  + For example: mycoolapp.jar
  + > *java -jar mycoolapp.jar*

**Deploying Spring Boot Apps**

* Spring Boot Apps can also be deployed in the traditional way, deploy WAR (Web Application Archive) file to an external server, Tomcat, JBoss…

**FAQs**

**Q:**Does Spring Boot replace Spring?  
**A**: No, Spring Boot actually uses Spring technologies

**Q:**Does Spring Boot code run faster?  
**A**: No, Spring Boot code actually uses same code of Spring framework. Spring boot is about making it ease to get started

* Minimize manual configuration