**Spring Boot Hello World Example**

1. create mavenized core java project as follows:

mvn archetype:generate -DgroupId=spring.boot.practice -DartifactId=SpringBootPractice -Dversion=1.0-SNAPSHOT -DarchetypeArtifactId=maven-archetype-quickstart -Dpackage=spring.boot.hello.world -DinteractiveMode=false

2. Import this project as maven project into eclipse

3. Add parent dependency in pom.xml

|  |
| --- |
| <parent>  <groupId>org.springframework.boot</groupId>  <artifactId>spring-boot-starter-parent</artifactId>  <version>1.3.1.RELEASE</version>  </parent> |

4. Add spring-boot-starter-web dependency in pom.xml

|  |
| --- |
| <dependency>  <groupId>org.springframework.boot</groupId>  <artifactId>spring-boot-starter-web</artifactId>  </dependency> |

5. complete pom.xml

|  |
| --- |
| <project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4\_0\_0.xsd">  <modelVersion>4.0.0</modelVersion>  <groupId>spring.boot.practice</groupId>  <artifactId>SpringBootPractice</artifactId>  <packaging>jar</packaging>  <version>1.0-SNAPSHOT</version>  <name>SpringBootPractice</name>  <url>http://maven.apache.org</url>  <parent>  <groupId>org.springframework.boot</groupId>  <artifactId>spring-boot-starter-parent</artifactId>  <version>1.3.1.RELEASE</version>  </parent>  <dependencies>  <dependency>  <groupId>junit</groupId>  <artifactId>junit</artifactId>  <scope>test</scope>  </dependency>  <dependency>  <groupId>org.springframework.boot</groupId>  <artifactId>spring-boot-starter-web</artifactId>  </dependency>  </dependencies>  <build>  <pluginManagement>  <plugins>  <plugin>  <groupId>org.apache.maven.plugins</groupId>  <artifactId>maven-compiler-plugin</artifactId>  <version>3.5.1</version>  <configuration>  <source>1.8</source>  <target>1.8</target>  <compilerArgument>-parameter</compilerArgument>  <compilerArgument>-Xlint:All</compilerArgument>  </configuration>  </plugin>  </plugins>  </pluginManagement>  </build>  </project> |

6. Write class with main class:

|  |
| --- |
| package spring.boot.hello.world;  import org.springframework.boot.SpringApplication;  import org.springframework.boot.autoconfigure.SpringBootApplication;  @SpringBootApplication  public class App {  public static void main(String[] args) {  SpringApplication.run(App.class, args);  }  } |

7. Write Controller class:

|  |
| --- |
| package spring.boot.hello.world;  import org.springframework.web.bind.annotation.RequestMapping;  import org.springframework.web.bind.annotation.RestController;  @RestController  public class HelloWorldController {  @RequestMapping(value = "/")  public String hello() {  return "Hello Spring Boot";  }  } |

8. Run main class - console should not contain any errors

9. open **http://localhost:8080** in browser