Spring boot : Spring boot is use to bootstrap the spring application.

Spring boot provide RAD features (Rapid Application Development)

Spring boot = All spring modules – no xml file + few annotation + embedded web server it

Tomcat or jetty

Built tools

Maven : if we use spring framework or boot with maven we are using pom.xml file.

Gradle : if we use spring framework or boot with gradle no xml file.

Spring boot itself is a core Java project which help to create any type of project. Core Java project means contains main method in development mode.

Spring boot modules

Spring boot starter : spring boot provided lot pre-defined starter base upon type of application and it is responsible to download all dependencies which required to develop that type of application.

Type of starter

Basic starter

Web starter

Jdbc starter

Dev starter

Testing starter

Security starter

Spring auto configurator : Spring boot auto configurator is responsible to deduce the xml file configuration and remove more annotation and provided less annotation and it automatically configure the spring application base upon the dependencies present in classpath.

@SpringBootApplication = @Configuration + @AutoConfigurtion + @ComponentScan

In spring boot if you want to keep any configuration details we have write in application.properties files.

Spring CLI

Spring boot with View as JSP

<parent>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-parent</artifactId>

<version>2.5.2</version>

</parent>