SPRING BOOT
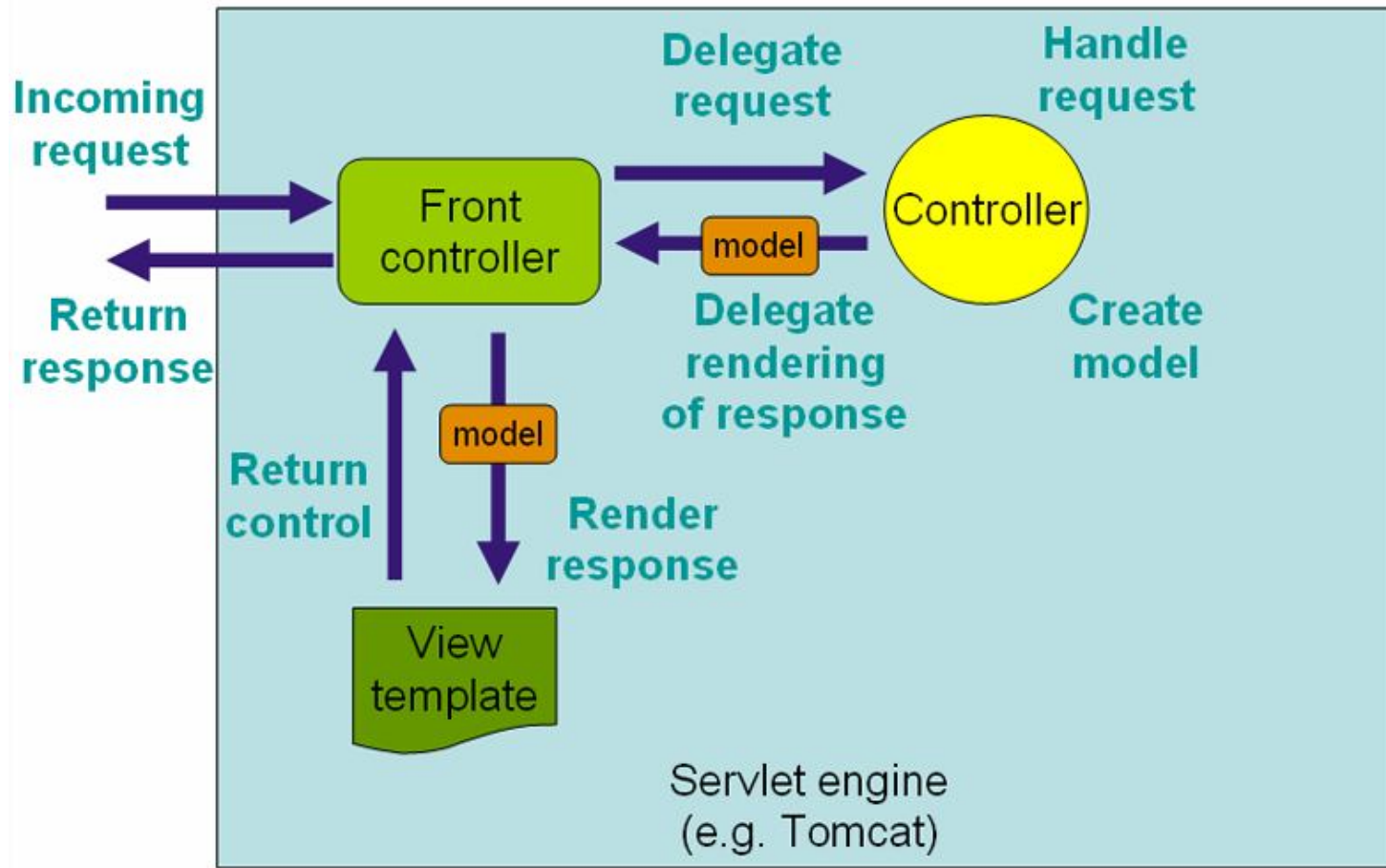
Outline

- Introducton
- Spring Framework Recap
- What is Spring Boot
- Spring Boot Components
- Spring Boot Modules
- Spring Boot Features
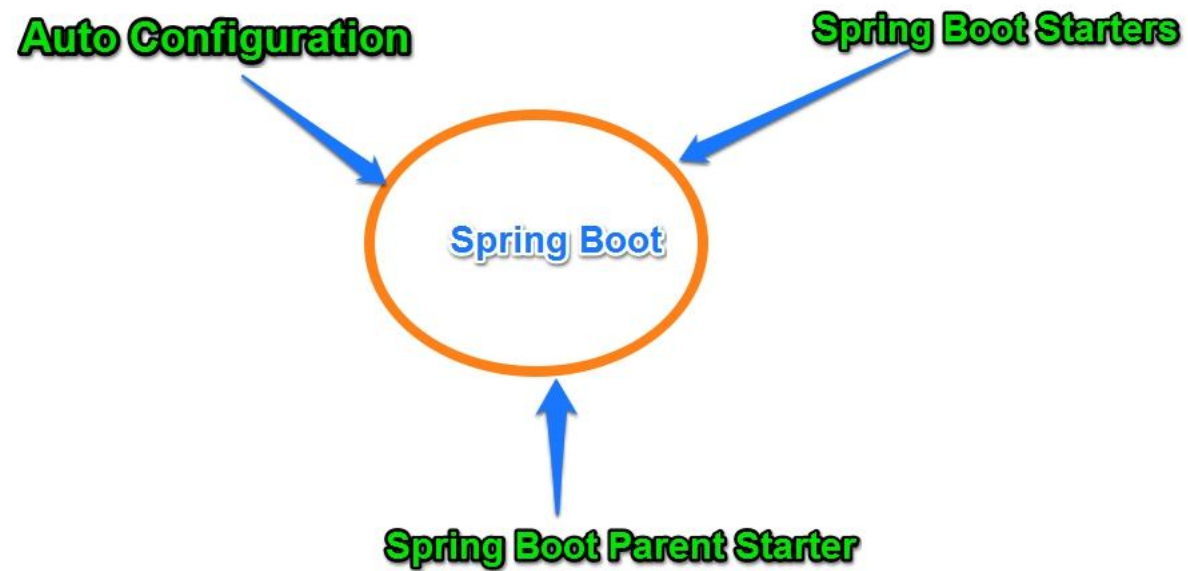
Request Life-cycle

What is Spring Boot?

- Spring Boot is a approach to develop Spring based application with very less or no configuration.

- It leverages existing Spring projects as well as Third party projects to develop production ready applications.

- It provides a set of Starter Pom's, gradle etc.. build files which one can use to add required dependencies and also facilitate auto configuration. Depending on the libraries on its classpath, Spring Boot automatically configures required classes.

- For example to interact with DB, if there is Spring Data libraries on class path then it automatically sets up connection to DB along with the Data Source class.
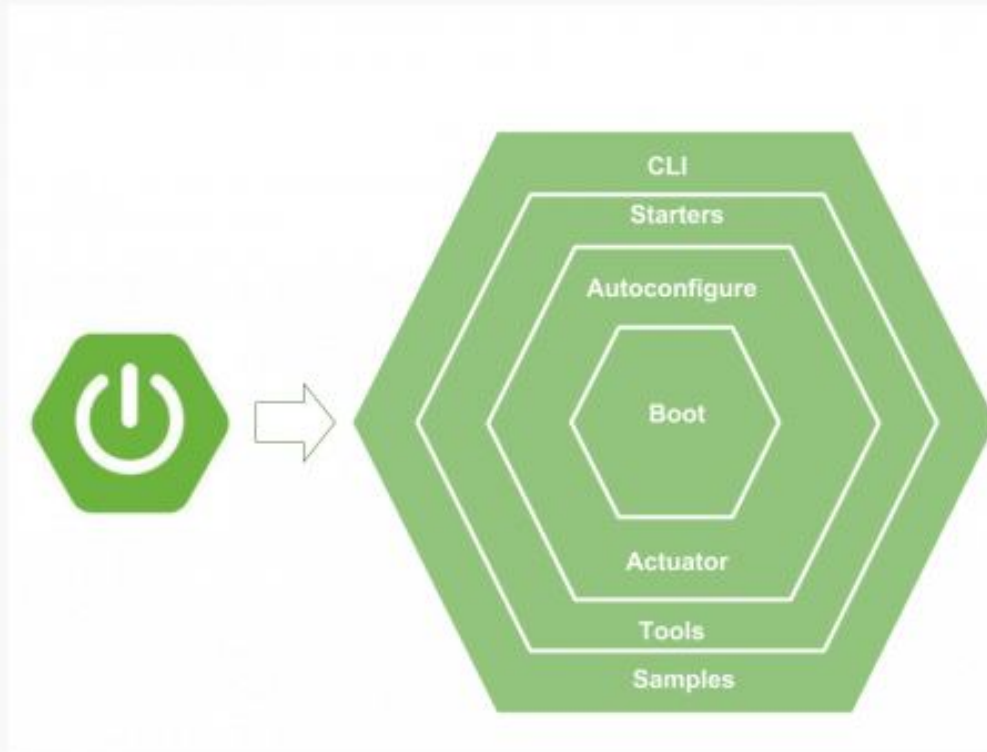
Spring Boot

- Makes it easy to create stand-alone, production-grade Spring-based Applications with minimal configuration

- Takes an opinionated view of the Spring platform and third-party libraries, so that you we get started with development faster

- Provides a range of non-functional features that are common to large classes of projects
  (e.g: embedded servers, security, metrics, health checks and externalized configuration)

Spring Boot Components

Auto Configuration

Spring Boot Starters

Spring Boot

Spring Boot Parent Starter

Spring Boot Modules

Spring boot modules

Spring Boot Features

- SpringApplication
- Externalized Configuration
- Logging
- Packaging
- Profiling
- DevTools
- Monitoring (Actuator)
- Application Properties

Thank You!