

# Spring Framework vs Spring Boot

Feature	Spring Framework	Spring Boot
What it is	A <b>powerful IoC/DI + modular framework</b> for Java	A <b>tool to bootstrap Spring apps</b> with zero-config
Setup	Manual XML or Java config, many decisions	<b>Auto-configuration</b> – just run
Configuration	You write <bean>, web.xml, dispatchers, etc.	Almost <b>none</b> – sensible defaults
Dependencies	You add each Spring module (Core, MVC, Data, etc.)	spring-boot-starter-* bundles everything
Embedded Server	Need external Tomcat/Jetty + WAR	<b>Built-in</b> Tomcat/Jetty – run as JAR
Production Ready	You add metrics, health checks	<b>Actuator</b> gives /health, /metrics out-of-box
Use Case	Full control, legacy, custom setup	<b>90% of new apps</b> – fast start

