



CS544 EA

Integration

Spring Boot: Running

Running

- During development run it in your IDE
 - Or from its own Maven target
- Include Spring **Boot DevTools**
 - Not included when packaging the JAR

\$mvn spring-boot:run

Will not affect production env.

```
<!-- automatically reloads app when development files change -->  
<dependency>  
  <groupId>org.springframework.boot</groupId>  
  <artifactId>spring-boot-devtools</artifactId>  
  <optional>true</optional>  
</dependency>
```

Optional makes it not go into JAR

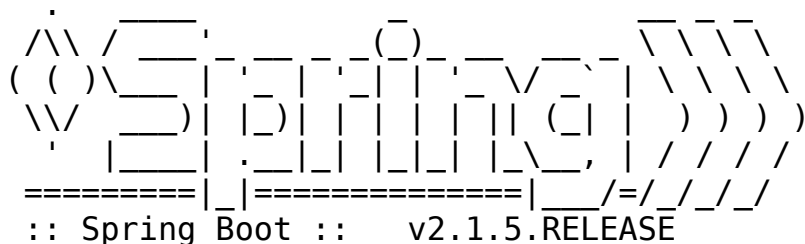
Dev Tools Benefits

- Automatically **restarts** when it senses a change
 - On restart logs changes to autoconfig
- Option to configure resources:
 - That should not trigger a restart when changed
 - Or watch files outside the project that should trigger

Banner

Not practical, but kind of fun

- When starting Spring Boot shows a banner

The image shows the default ASCII art banner for Spring Boot. It features a stylized 'S' on the left, followed by the word 'Spring' in a large, outlined font, and 'Boot' in a similar but slightly smaller font. Below the main text, it says 'v2.1.5.RELEASE'. The entire banner is composed of various ASCII characters like backslashes, underscores, and parentheses.

```

      .__  __
     /  _ \|
    /  _ \|
   /  _ \|
  /  _ \|
 /  _ \|
/  _ \|
:: Spring Boot ::  v2.1.5.RELEASE

```

- Customize the banner by adding to resources dir:
 - **banner.txt** (or .jpg, .gif, .png)
 - Or set `spring.banner.location`
 - Or turn it off with `spring.main.banner-mode: off`

Images are converted to ASCII