



4.2

Spring Boot DevTools

Installing DevTools

Add DevTools Dependency: Make sure you have the spring-boot-devtools dependency in your pom.xml or build.gradle file.

```
<dependency>
  <groupId>org.springframework.boot</groupId>
  <artifactId>spring-boot-devtools</artifactId>
  <optional>true</optional>
</dependency>
```

After this, set the IntelliJ settings to allow restarting.

Automatic Restart

Automatically restarts the application whenever files on the classpath change. This is faster than a full restart and only reloads the changed parts.

Uses two class loaders: one for the base classes that don't change (typically libraries) and another for the classes that do change (application code). When a change is detected, only the latter is reloaded, making the restart faster.

Useful configurations for Dev-tools

```
spring.devtools.restart.enabled=false
```

```
spring.devtools.restart.exclude=static/**,public/**
```

```
spring.devtools.restart.pollInterval = 20
```

```
spring.devtools.restart.quietPeriod=10
```

