

## Spring Boot and Spring Data Dependencies required in the *pom.xml* file for Maven

```
<!-- Maven is a build automation tool used primarily for Java projects. -->
<!-- It simplifies the process of building, managing, and documenting projects -->
<!-- by providing a clear, standard way to define project structure and dependencies. -->

<!-- This file, pom.xml, identifies info required by Maven so the project can build -->
<!-- The dependencies section tells Maven what must be available for project to run -->
<!-- Maven will search, find and load all code required for a dependency -->
<!--      (much like npm install for an Angular application -->

<dependencies>

    <!-- Basic Spring Boot Functionality -->
    <dependency>
        <groupId>org.springframework.boot</groupId>
        <artifactId>spring-boot-starter-web</artifactId>
    </dependency>

    <!-- Spring Boot Developer Tools -->
    <dependency>
        <groupId>org.springframework.boot</groupId>
        <artifactId>spring-boot-devtools</artifactId>
        <scope>runtime</scope>
        <optional>true</optional>
    </dependency>

    <!-- PostgreSQL Functionality -->
    <dependency>
        <groupId>org.postgresql</groupId>
        <artifactId>postgresql</artifactId>
        <scope>runtime</scope>
    </dependency>

    <!-- Spring Boot Testing Tools -->
    <dependency>
        <groupId>org.springframework.boot</groupId>
        <artifactId>spring-boot-starter-test</artifactId>
        <scope>test</scope>
    </dependency>

    <!-- Spring Data Basic Functionality -->
    <dependency>
        <groupId>org.springframework.boot</groupId>
        <artifactId>spring-boot-starter-data-jpa</artifactId>
    </dependency>

    <!-- Spring Data Hibernate Framework Functionality -->
    <dependency>
        <groupId>org.springframework.data</groupId>
        <artifactId>spring-data-jpa</artifactId>
        <version>3.5.2</version>
    </dependency>

</dependencies>
```