

## 05 - Configuring the DispatcherServlet

### 👉 Creating telusko-servlet.xml:

- The file should be placed in the **WEB-INF** directory and must have the same name as the <servlet-name> provided in the web.xml file.
- It serves as the configuration file for Spring's DispatcherServlet.
- The XML Configuration contains:
  - The XML file begins by defining namespaces for beans.
  - Use **component-scan** to specify the package where Spring will look for annotated components.
  - Add **annotation-config** to enable Spring's annotation-driven capabilities.

### Example:

#### *telusko-servlet.xml:*

```
<beans xmlns="http://www.springframework.org/schema/beans"
       xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
       xmlns:ctx="http://www.springframework.org/schema/context"
       xmlns:p="http://www.springframework.org/schema/p"
       xmlns:mvc="http://www.springframework.org/schema/mvc"
       xsi:schemaLocation="http://www.springframework.org/schema/beans
                           http://www.springframework.org/schema/beans/spring-beans.xsd
                           http://www.springframework.org/schema/context
                           http://www.springframework.org/schema/context/spring-context.xsd
                           http://www.springframework.org/schema/mvc
                           http://www.springframework.org/schema/mvc/spring-mvc.xsd">

    <ctx:component-scan base-package="com.telusko" />
    <ctx:annotation-config/>
</beans>
```

- At this point, the configuration will successfully call the controller, but there may be errors regarding view rendering. To resolve view-related errors, we need to configure the **Internal Resource View Resolver** to correctly map views (e.g., JSP files).

**Code Link:**

<https://github.com/navinreddy20/spring6-course/tree/c6690e4f2c70d8f530d70623f13d14ff0ffd7e7d/6%20Exploring%20Web%20MVC%20without%20Spring%20Boot/6.5%20Configuring%20the%20DispatcherServlet>