

06 - Internal Resource View Resolver

The InternalResourceViewResolver is a Spring bean that resolves the logical view names returned by the controller into actual view files (e.g., JSP files). It defines the folder location and the file extension of the views.

👉 Internal Resource View Resolver Configuration:

The InternalResourceViewResolver bean is configured with two properties: prefix and suffix

```
<bean class="org.springframework.web.servlet.view.InternalResourceViewResolver">
    <property name="prefix" value="/views/"></property>
    <property name="suffix" value=".jsp"></property>
</bean>
```

- **Prefix:** Defines the folder where the view files are located. In this case, /views/ indicates that all JSP files will be located in the /views/ folder inside the web application.
- **Suffix:** Defines the extension of the view files. .jsp indicates that the view files are JSP pages.
- When a controller returns a view name (e.g., "home"), Spring MVC automatically appends the prefix and suffix to create the full path to the view file (e.g., /views/home.jsp).

Example:

telsuko-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/>

    <bean class="org.springframework.web.servlet.view.InternalResourceViewResolver">
        <property name="prefix" value="/views/"></property>
        <property name="suffix" value=".jsp"></property>
    </bean>
</beans>
```

Code Link:

<https://github.com/navinreddy20/spring6-course/tree/c6690e4f2c70d8f530d70623f13d14ff0fd7e7d/6%20Exploring%20Web%20MVC%20without%20Spring%20Boot/6.6%20Internal%20Resource%20View%20Resolver>