

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/c6690e4f2c70d8f530d70623f13d14ff0ffd7e7d/6%20Exploring%20Web%20MVC%20without%20Spring%20Boot/6.6%20Internal%20Resource%20View%20Resolver>