

Spring MVC ResourceBundleViewResolver Example



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In Spring MVC, **ResourceBundleViewResolver** is used to resolve "view named" based on view beans in ".properties" file.

By default, **ResourceBundleViewResolver** will loads the view beans from file **views.properties**, which located at the root of the project class path. However, this location can be overridden through the "**basename**" property, for example,

```
<beans ...>
    <bean class="org.springframework.web.servlet.view.ResourceBundleViewResolver">
        <property name="basename" value="spring-views" />
    </bean>
</beans>
```

In above case, it loads the view beans from "**spring-views.properties**", which located at the root of the project class path.

Note

The **ResourceBundleViewResolver** has the ability to load view beans from different resource bundles for different locales, but this use case is rarely required.

ResourceBundleViewResolver example to show you how it works :

1. Controller

A controller class, return a view, named "**WelcomePage**".

```
//...
public class WelcomeController extends AbstractController{

    @Override
    protected ModelAndView handleRequestInternal(HttpServletRequest request,
        HttpServletResponse response) throws Exception {

        ModelAndView model = new ModelAndView("WelcomePage");

        return model;
    }
}
```

2. ResourceBundleViewResolver

Register **ResourceBundleViewResolver** in the Spring's bean configuration file, change the default view beans location to "**spring-views.properties**".

```
<beans xmlns="http://www.springframework.org/schema/beans"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://www.springframework.org/schema/beans
        http://www.springframework.org/schema/beans/spring-beans-2.5.xsd">

    <bean
        class="org.springframework.web.servlet.mvc.support.ControllerClassNameHandlerMapping" />

    <!-- Register the bean -->
    <bean class="com.mkyong.common.controller.WelcomeController" />

    <bean class="org.springframework.web.servlet.view.ResourceBundleViewResolver">
        <property name="basename" value="spring-views" />
    </bean>
```

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</beans>

3. View beans

Declare each view bean as a normal resource bundle style (key & message), where

1. **"WelcomePage"** is the view name to match.
2. **".(class)"** is the type of view.
3. **".url"** is the view's URL location.

File : *spring-views.properties*

```
WelcomePage.(class)=org.springframework.web.servlet.view.JstlView
WelcomePage.url=/WEB-INF/pages/WelcomePage.jsp
```

Note

Put this "`spring-views.properties`" file on your project class path.

How it works ?

When view name **"WelcomePage"** is returned by controller, the `ResourceBundleViewResolver` will find the key start with **"WelcomePage"** in **"spring-views.properties"** file, and return the corresponds view's URL **"/WEB-INF/pages/WelcomePage.jsp"** back to the `DispatcherServlet`.

Download Source Code



Download it – [SpringMVC-ResourceBundleViewResolver-Example.zip](#) (7 KB)

Reference

1. [ResourceBundleViewResolver documentation](#)

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