

## STRUTS 2 - REDIRECT ACTION

[http://www.tutorialspoint.com/struts\\_2/struts\\_redirect\\_action.htm](http://www.tutorialspoint.com/struts_2/struts_redirect_action.htm)

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The **redirect** result type calls the standard `response.sendRedirect` method, causing the browser to create a new request to the given location.

We can provide the location either in the body of the `<result...>` element or as a `<param name="location">` element. Redirect also supports the **parse** parameter. Here's an example configured using XML:

```
<action name="hello"
  method="execute">
  <result name="success" type="redirect">
    <param name="location">
      /NewWorld.jsp
    </param >
  </result>
</action>
```

So just modify your **WebContent/WEB-INF/classes/struts.xml** file to define redirect type as mentioned above:

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE struts PUBLIC
  "-//Apache Software Foundation//DTD Struts Configuration 2.0//EN"
  "http://struts.apache.org/dtds/struts-2.0.dtd">

<struts>
  <constant name="struts.devMode" value="true" />
  <package name="helloworld" extends="struts-default">

    <action name="hello"

      method="execute">
        <result name="success" type="redirect">
          <param name="location">
            /NewWorld.jsp
          </param >
        </result>
      </action>

    <action name="index">
      <result >/index.jsp</result>
    </action>

  </package>
</struts>
```

Here **NewWorld.jsp** is a new page where you will be redirected whenever your action retruns "success". Let us keep **WebContent/WEB-INF/lib/web.xml** without any change, so its content will be as follows:

```
<?xml version="1.0" encoding="UTF-8"?>
<web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns="http://java.sun.com/xml/ns/javaee"
  xmlns:web="http://java.sun.com/xml/ns/javaee/web-app_2_5.xsd"
  xsi:schemaLocation="http://java.sun.com/xml/ns/javaee
  http://java.sun.com/xml/ns/javaee/web-app_3_0.xsd"
  >

  <display-name>Struts 2</display-name>

  <welcome-file-list>
```

```

    <welcome-file>index.jsp</welcome-file>
</welcome-file-list>

<filter>
    <filter-name>struts2</filter-name>
    <filter-class>
        org.apache.struts2.dispatcher.FilterDispatcher
    </filter-class>
</filter>

<filter-mapping>
    <filter-name>struts2</filter-name>
    <url-pattern>/*</url-pattern>
</filter-mapping>

</web-app>

```

Create action class file **Java Resources/src/HelloWorldAction.java** as follows:

```

package com.tutorialspoint.struts2;

import com.opensymphony.xwork2.ActionSupport;

public class HelloWorldAction extends ActionSupport{
    private String name;

    public String execute() throws Exception {
        return "success";
    }

    public String getName() {
        return name;
    }

    public void setName(String name) {
        this.name = name;
    }
}

```

Let create main page **WebContent/WEB-INF/index.jsp** with the following content:

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ taglib prefix="s" uri="/struts-tags"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
    "http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<title>Hello World</title>
</head>
<body>
    <h1>Hello World From Struts2</h1>
    <form action="hello">
        <label for="name">Please enter your name</label><br/>
        <input type="text" name="name"/>
        <input type="submit" value="Say Hello"/>
    </form>
</body>
</html>

```

Let us create **WebContent/WEB-INF/NewWorld.jsp** where request will be redirected in case action returns "success" :

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ taglib prefix="s" uri="/struts-tags"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"

```

```
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<title>Redirected Page</title>
</head>
<body>
  <h1>New Page after redirection</h1>
</body>
</html>
```

Now Right click on the project name and click **Export > WAR File** to create a War file. Then deploy this WAR in the Tomcat's webapps directory. Finally, start Tomcat server and try to access URL <http://localhost:8080/HelloWorldStruts2/index.action>. This will give you following screen:

Enter any value in the text box and submit the page. You should see the next page after redirection:

Loading [MathJax]/jax/output/HTML-CSS/jax.js