

JSP-Action Tags

Presented by

Action Tags

- Action tags effects the runtime behavior of JSP
- The response of the action will be sent to the client

Used to **control the flow** between pages and to **use java beans**

Following are JSP Action tags:

- **jsp:forward**
- **jsp:include**
- **jsp:param**
- **jsp:useBean**
- **jsp:setProperty**
- **jsp:getProperty**



Uses Bean Class



<jsp:include>

- Includes another web resource (html/jsp/servlet)

The standard
action identifier

The URL path can begin with a forward slash making
it relative to the context root of the application, or
not making it relative to the JSP page.

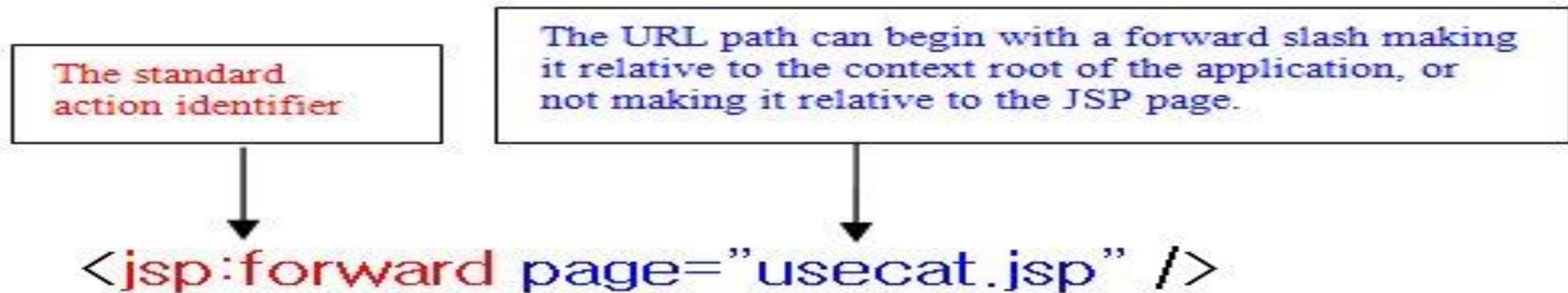
`<jsp:include page="usecat.jsp" />`

****Example**



<jsp:forward>

Forwards to another web resource (html/jsp/servlet)

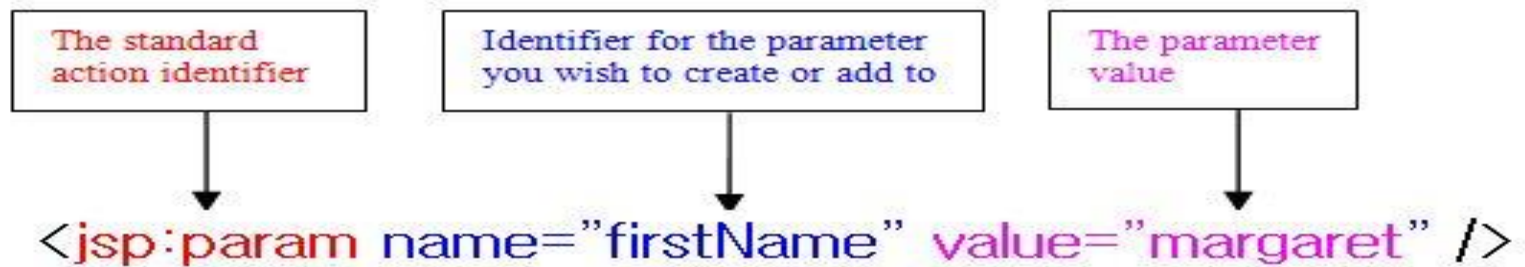


****Example**



<jsp:param>

The **<jsp:param>** action is used to provide information in the form of key/value pair



****Example**



<jsp:param> example

index.jsp

```
<jsp:forward page= "result.jsp">  
    <jsp:param name= "name" value= "Amar Patel"/>  
    <jsp:param name= "age" value= "26"/>  
</jsp:forward>
```

result.jsp

```
<b>Name:</b> <%= request.getParameter("name") %><br>  
<b>Age:</b> <%= request.getParameter("age") %>
```



<jsp:useBean>

- Using a POJO / Bean in JSP
- Properties of Bean are used in JSP to set and to get
- Bean can be used through out the application
- Example:

```
package com.mycompany.jsp.beans;  
public class Student {  
    private String firstName;  
    private String lastName;  
    // getters and setters
```



<jsp:setProperty...> & <jsp:getProperty...>

index.jsp

```
<jsp:useBean id= "student" class= "com.mycompany.jsp.beans.Student" scope= "application">
```

```
    <jsp:setProperty name= "student" property= "firstName" value= "Krishna"/>
```

```
    <jsp:setProperty name= "student" property= "lastName" value= "Mohan"/>
```

```
</jsp:useBean>
```

result.jsp

```
<p>Student Last Name:
```

```
    <jsp:getProperty name= "student" property= "lastName"/>
```

```
</p>
```



