|  |  |  |
| --- | --- | --- |
| <jsp:root> | <jsp:root     xmlns:jsp="http://java.sun.com/JSP/Page"     [ xmlns:taglibPrefix="*URI*" ]+ ...     version="1.2">  *JSP Page*  </jsp:root> |  |
| Comments | <%-- comment --%> |  |
| Declaration | <%! %> | <jsp:declaration> |
| Expression | <%= %> | <jsp:expression> |
| Scriptlet | <%%> | <jsp:scriptlet> |
| <jsp:text> | <jsp:text> |  |
| Include Directive | <%@ include file="*relativeURL*" %> | <jsp:directive.include file="*relativeURL*" /> |
| Page Directive | <%@ page import="java.util.\*, java.lang.\*" %>  <%@ page buffer="5kb" autoFlush="false" %> | <jsp:directive.page errorPage="error.jsp" /> |
| Taglib Directive | <%@ taglib uri="http://www.jspcentral.com/tags" prefix="public" %> |  |
| <jsp:forward> | <jsp:forward page="/servlet/login" /> |  |
| <jsp:getProperty> | <jsp:useBean id="calendar" scope="page" class="employee.Calendar" />  <h2>  Calendar of <jsp:getProperty name="calendar" property="username" />  </h2> |  |
| <jsp:include> | <jsp:include page="scripts/login.jsp" /> |  |
| <jsp:plugin> |  |  |
| <jsp:setProperty> |  |  |
| <jsp:useBean> |  |  |

The jsp:include element provides for the inclusion of static and dynamic resources in the same context as the current page. However,jsp:include cannot access resources that reside outside the web application, and it causes unnecessary buffering when the resource included is used by another element.

The import tag is therefore the simple, generic way to access URL-based resources, whose content can then be included and or processed within the JSP page. For example, in [XML Tag Library](http://docs.oracle.com/javaee/5/tutorial/doc/bnakq.html), import is used to read in the XML document containing book information and assign the content to the scoped variable xml:

<c:import url="/books.xml" var="xml" />

<x:parse doc="${xml}" var="booklist"

scope="application" />