JSP Directives

A JSP directive provides additional information about the page to JSP Engine at page translation time. This additional information is used by JSP container and it's control the processing of the entire page accordingly.

Syntax : **<%@ Directive… %>**

Types of directive

1. *Page*

2. *Include*

3. *Taglib*

Page directive

The page directive can apply different attributes to JSP page. These attributes gives special processing information to the JSP engine.

Following are the various page directives that are used in JSP

1. language
2. extends
3. import
4. session
5. buffer
6. autoFlush
7. isThreadSafe
8. errorPage
9. info
10. isErrorPage
11. contentType

Attribute	Description	Syntax	Example
language	Used for specify the language allowed in the JSP page. Currently the only valid value for this attribute is java.	language="java"	<%@ page language= "java" %>
Import	Import attribute is used to specify the package which would to imported on load	import=" package.class "	<%@ page import= "java.util.*, java.io.*" %>
Extends	Indicates the superclass of servlet when jsp translated in servlet.	extends=" package.class "	<%@ page extends= "com.Connect"%>

Session	Possible values for this attributes are true/false default value is true. If you specify the session value as false then session implicit object will be disabled.	session=" true |false"	<%@ page session= "true" %>
Buffer	specifies the buffer size for out and default is 8kb.	buffer=" size kb|none"	<%@ page buffer= "8kb" %>
isThreadSafe	True indicates multi threading and false indicates that the servlet should implement SingleThreadModel	isThreadSafe=" true | false"	<%@ page isThreadSafe="true"%>
autoFlush	true indicates that the buffer should be flushed when it is full and false indicates that an exception should be thrown when the buffer overflows.	autoflush =" true |false"	<%@ page autoFlush= "true" %>
Info	This defines a string that can be retrieved via the getServletInfo method.	info=" message "	<%@ page info="This is a simple jsp file "%>
pageEncoding	This defines data type of page encoding.	pageEncoding="ISO-8859-1"	<%@ page pageEncoding="ISO-8859-1"%>
contentType	This specifies the MIME type of the output.	contentType=" MIME-Type "	<%@ page contentType="text/html; charset=ISO-8859-1"%>
isELIgnored	This defines ENUM data type.	isELIgnored=" true| false "	<%@ page isELIgnored="false"%>
isErrorPage	This indicates whether or not the current page can act as the error page.	isErrorPage="true| false "	<%@ page isErrorPage="false"%>
errorPage	Define a URL to another JSP that is invoked if an unchecked runtime exception is thrown.	errorPage=" url "	<%@ page errorPage="error.jsp"%>

taglib directive

It is used to use the custom tags developed by you in JSP & also used to use JSTL tags inside the JSP.

Syntax:<%@taglib uri="some uri" prefix="some prefix"%>

Include Directive

It is used to include one Jsp or Html to another JSP.

Syntax:<%@ include file="abc" %>

Example: <% @ include file="/header.jsp"%>