Working with Directives

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JSP Directive

The directives of JSP are used to provide some meaningful information about the current JSP page to the JSP Container which will be required during the Translation phase.

Module Overview

@page Directive

@include Directive

@taglib Directive

@page Directive

@page Directive

provides a means for setting attributes that affect how the page is interpreted and executed

`<% page attribute="value" attribute="value"..%>`

Syntax

Defining a page directive

Page Directive Attributes

language="scripting language"

extends="className"

import="importList"

session="true|false"

buffer="none="none|sizekb"

autoFlush="true|false"

info="info_text"

contenetType="ctinfo"

errorPage="error_url"

isErrorpage="true|false"

```
<%@page lagunage="java"%>

<%@page lagunage="java" import="java.io.x"%>

<%@page import="java.sql.*"%>
```

Page Directive Attributes

Language
`<%@page language="java"%>`

Import
`<%@page import="java.sql.*", import="java.util.*"%>`

Info
`<%@page info="This is the home page for the web site"%>`

Extends
`<%@page extends="com.pluralsight.demos"%>`

ContentType
`<%@page contentType="text/html"%>`

isEIgnored
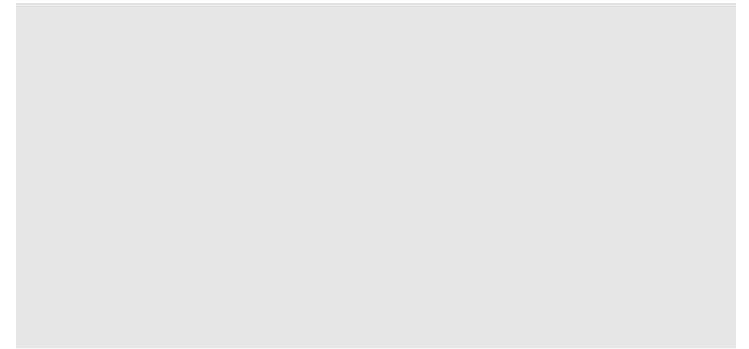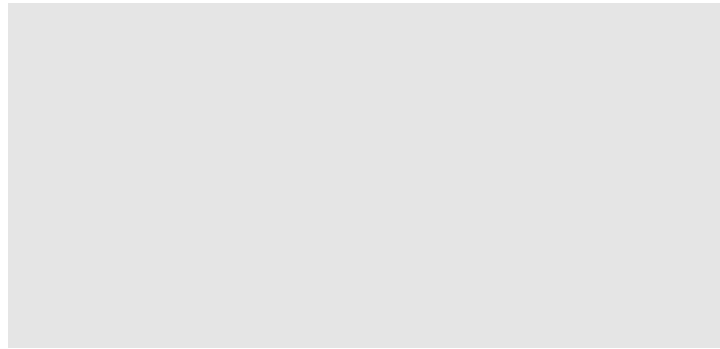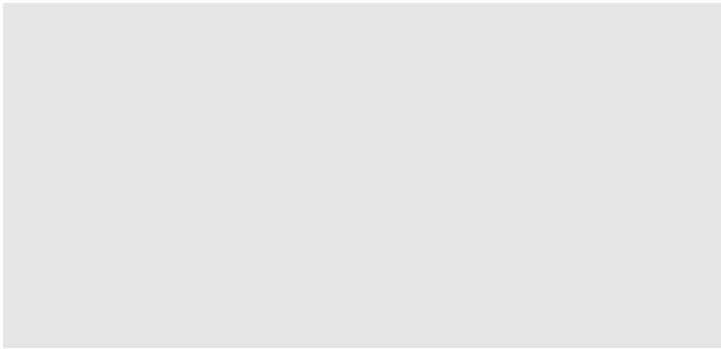`<%@page isEIgnored="true"%>`

Page Directive Attributes
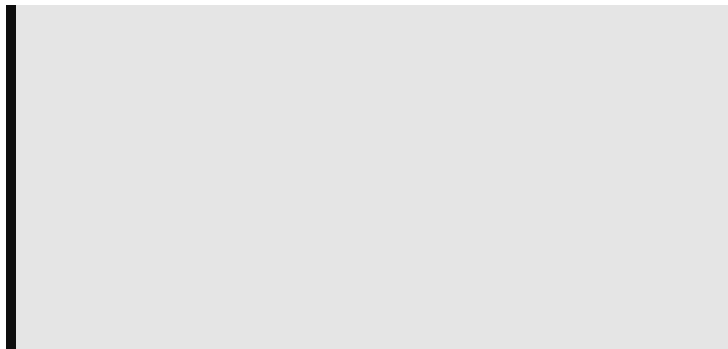
autoFlush

```
<%@page
autoFlush="true|false"
%>
```

Demo

@page Directive

@include Directive

Include Directive

will specify the JSP Container to read the specified file and merges its contents into the JSP source code currently being parsed at the Translation phase

```
<%@ include file="filename"%>

<%@ include file="header.jsp"%>
```
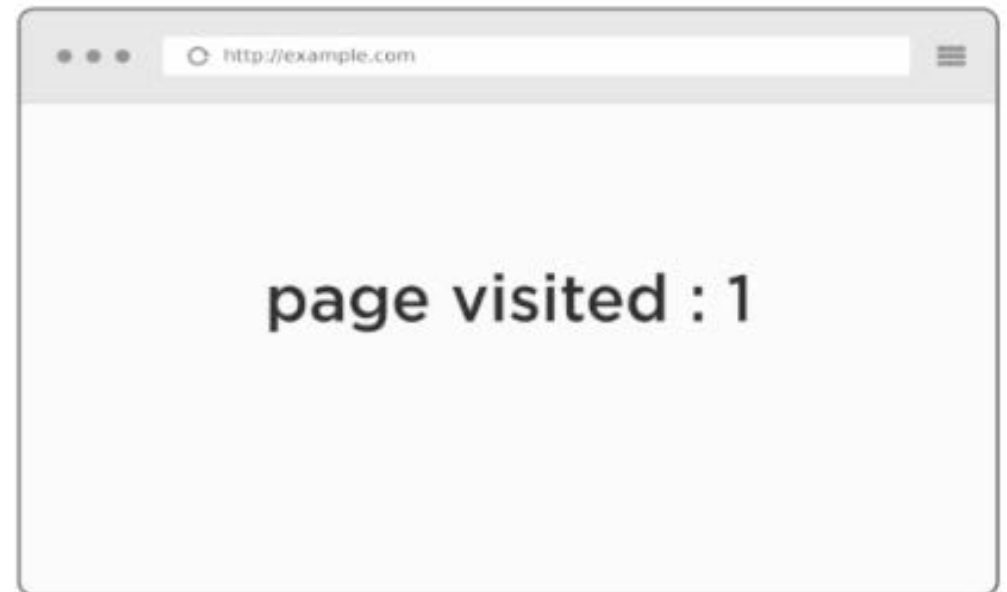
Syntax

Inorder to use the include directive

codesnippet.jsp

```
<% int accessCount=0; %>
```

main.jsp

```
<%@ include
    file="codesnippet.jsp" %>

<p>page visited : <%=
    accessCount++; %> </p>
```


page visited : 1

Demo

@include Directive

@taglib Directive

@taglib Directives

Set of custom tags

Identifies the location of the library

Identifying the custom tags

```
<% @taglib uri="uriofTagLibrary" prefix="prefixofTag"/%>

<% jsp:directive.taglib uri="uri" prefix="prefixofTag"/%>
```

Syntax

To Define the taglib directive

Summary

@page Directive

@include Directive

@taglib Directive