



4. JSP ELEMENTS

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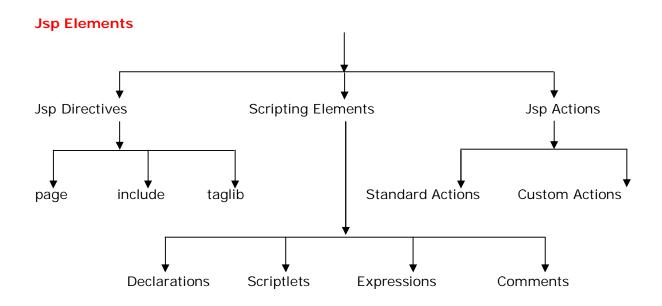
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In web applications to design Jsp pages we have to use the following elements.





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Q: What are the differences between Jsp Directives and Scripting Elements?

Ans: 1. In web applications, Jsp Directives can be used to define present Jsp page characteristics, to include the target resource content into the present Jsp page and to make availableuser defined tag library into the present Jsp page.

In web applications, Jsp Scripting Elements can be used to provide code in Jsp pages.

2. All the Jsp Directives will be resolved at the time of translating Jsp page to servlet.

All the Jsp Scripting Elements will be resolved at the time of request processing.

3. Majority of the Jsp Directives will not give direct effect to response generation, but majority of Scripting Elements will give direct effect to response generation.

Q: To design Jsp pages we have already Jsp Scripting Elements then what is requirement to go for Jsp Actions?

Ans: In Jsp applications, Scripting Elements can be used to allow java code inside Jsp pages but the main theme of Jsp technology is not to allow java code inside the Jsp pages.

In the above context, to preserve the theme of Jsp technology we have to eliminate scripting elements from Jsp pages, for this we have to provide an alternative i.e. Jsp Actions provided by Jsp technology.

In case of Jsp Actions, we will define scripting tag in place of java code, in Jsp pages and we will provide the respective java code inside the classes folder.

In this context, when Jsp container encounter the scripting tag then container will execute the respective java code and perform a particular action called as **Jsp Action**.



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