

ICON OF JAVA

ADV. JAVA JSP

2. JSP Deployment



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JSP Deployment

In web application development, it is possible to deploy the Jsp pages at any location of the web application directory structure, but it is suggestible to deploy the Jsp pages under application folder.

If we deploy the Jsp pages under application folder i.e. public area then we are able to access that Jsp page from client by using its name directly in the url.

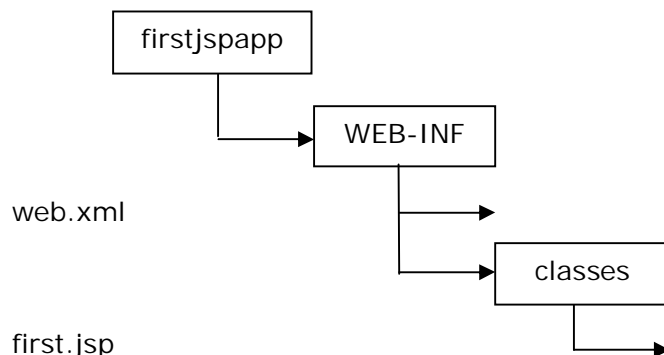
If we deploy the Jsp pages under private area (WEB-INF, classes) then we must define url pattern for the Jsp page in web.xml file and we are able to access that Jsp page by specifying url pattern in client url.

To configure Jsp pages in web.xml file we have to use the following xml tags.

```
<web-app>
-----
<servlet>
<servlet-name>logical_name</servlet-name>
<Jsp-file>context relative path of Jsp page</Jsp-file >
</servlet>
<servlet-mapping>
<servlet-name>logical_name</servlet-name>
<url-pattern>pattern_name</url-pattern>
</servlet-mapping>
-----
</web-app>
```

Application:

Directory Structure:



first.jsp:

```
<html>
<body bgcolor="lightgreen">
```

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```
<center><b><font size="7" color="red">  
<br><br>
```

First Jsp Application Deployed in Classes

```
</font></b></center>  
</body>  
</html>
```

Web.xml:

```
<web-app>  
<servlet>  
<servlet-name>fj</servlet-name>  
<jsp-file>/WEB-INF/classes/first.jsp</jsp-file>  
</servlet>  
<servlet-mapping>  
<servlet-name>fj</servlet-name>  
<url-pattern>/jsp</url-pattern>  
</servlet-mapping>  
</web-app>
```

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