

Web App Dev II

Templates II

Snippet File

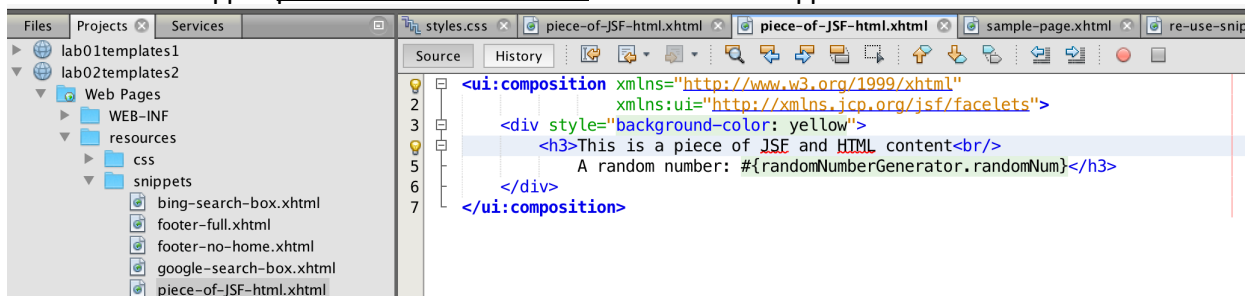
1. Enclose snippet in `ui:composition`. With appropriate schema references, as before
2. Place snippets in separate folder to avoid confusion with user-accessible-files or templates
3. Follow XML syntax. The entire file is legal XML. Anything outside `ui:composition` (if any) is ignored
4. Snippets can use templates, but then top-level tag in template file will be `<ui:composition>`, not `<html>`

Client's webpage

1. Use `ui:composition` as before
 1. With schema references and "template" attribute - `<ui:composition xmlns="..." xmlns:ui="..." template="/templates/some-template.xhtml">`
2. Use `ui:define` with `ui:include` to refer to snippets
 1. `<ui:define name="section-name1-from-template-file">`
`<ui:include src="/snippets/some-snippet.xhtml"/>`
`</ui:define>`
 2. `<ui:define name="section-name2-from-template-file">`
`Client-specific content </ui:define>`
3. Client file goes in normal location for JSF file

1. copy lab01Template1 and rename it lab02Templates2

2. Put the snippet `piece-of-JSF-html.xhtml` under folder snippets



3. Create client webpage JSF re-use-snippet-many-times.xhtml

```
1 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
2 "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
3 <html xmlns="http://www.w3.org/1999/xhtml"
4       xmlns:h="http://xmlns.jcp.org/jsf/html"
5       xmlns:ui="http://xmlns.jcp.org/jsf/facelets">
6   <h:head>
7     <title>Multiple Snippets</title>
8     <h:outputStylesheet library="css" name="styles.css"/>
9
10  </h:head>
11  <h:body>
12    <h1 class="title1">Some Random Page</h1>
13    <h2>This page reuses the included file in multiple places</h2>
14    <ui:include src="/resources/snippets/piece-of-JSF-html.xhtml"/>
15    <hr/>
16
17    <ui:include src="/resources/snippets/piece-of-JSF-html.xhtml"/>
18    <hr/>
19
20    <div style="float: right">
21      <ui:include src="/resources/snippets/piece-of-JSF-html.xhtml"/>
22    </div>
23    <div style="float: left; margin-right: 10px">
24      <ui:include src="/resources/snippets/piece-of-JSF-html.xhtml"/>
25    </div>
26    <p align="center">Blah, blah, blah.
27      Blah, blah, blah . <br/>
28      More Blah, blah, blah.
29      Blah, blah, blah .
30    </p>
31  </h:body>
32 </html>
```

4. Call it from index

```
1 <?xml version="1.0" encoding="UTF-8" ?>
2 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
3 <html xmlns="http://www.w3.org/1999/xhtml"
4       xmlns:h="http://xmlns.jcp.org/jsf/html">
5   <h:head>
6     <title>Templates Test</title>
7   </h:head>
8   <h:body>
9     <h:form>
10      <h:commandLink value="JSF Page using sample-template" action="sample-page?redirect=true" />
11      <br/><br/>
12      <h:commandLink value="JSF Page using snippets" action="re-use-snippet-many-times" />
13    </h:form>
14  </h:body>
15 </html>
```

5. Clean build and run

