The outcomes success and error can be mapped to pages in faces-config.xml. If no mapping is specified, the page /success.xhtml or /error.xhtml is displayed.

GET REQUESTS

<viewParam name="item" value="#{bean1.currentItem}"/>
<viewParam name="userId" value="#{bean1.user}"/>
</metadata>

Request parameters set bean properties before the page is rendered.

<button value="Continue" outcome="#{bean1.continueOutcome}" includeViewParams="true"/>

The getContinueOutcome method is called when the button is rendered. The view parameters are added to the request URL.

RADIO BUTTONS

Cheese Pickle Mustard Lettuce Onions

WEB-INF/classes/com/corejsf/SampleBean.java

public class SampleBean {
    public Collection<Condiment> getChoices() { ... }
    public int getCondiment() { ... }
    public void setCondiment(int value) { ... }
}

WEB-INF/classes/com/corejsf/Condiment.java

public class Condiment {
    public String getDescription() { ... }
    public int getProductId() { ... }
}

CONVERSION

The number is displayed with currency symbol and group separator: $1,000.00

VALIDATION

Using the bean validation framework (JSR 303)

public class SampleBean {
    @Max(1000) private BigDecimal amount;
}

Page-level validation and conversion

<h:inputText value="#{bean1.amount}" required="true">
    <f:validateDoubleRange maximum="1000"/>
</h:inputText>

Error messages

Amount too much
Example: 99

RESOURCES

resources/css/styles.css

.errors {
    font-style: italic;
    color: red;
}
MESSAGE BUNDLES

faces-config.xml

WEB-INF/classes/com/corejsf/messages.properties

WEB-INF/classes/com/corejsf/messages_de.properties

WEB-INF/classes/com/corejsf/SampleBean.java

WEB-INF/classes/com/corejsf/Entry.java

TABLE WITH LINKS

<table>
<thead>
<tr>
<th>Name</th>
<th>Delete</th>
</tr>
</thead>
<tbody>
<tr>
<td>Washington, George</td>
<td></td>
</tr>
<tr>
<td>Jefferson, Thomas</td>
<td></td>
</tr>
<tr>
<td>Lincoln, Abraham</td>
<td></td>
</tr>
<tr>
<td>Roosevelt, Theodore</td>
<td></td>
</tr>
</tbody>
</table>

AJAX

When the button is clicked, run the phases from “Restore View” until “Invoke Application” on the components with IDs input1, input2, and the “Render Response” phase on the component with ID output1.

Ajax actions are triggered by onclick events for buttons and links, onchange events for input fields and selection lists.

HEADINGS AND SIDEBARS

templates/masterLayout.xhtml

Use CSS to lay out the heading, sidebar, and content.

page.xhtml

COMPOSITE COMPONENTS

Use the component like this: