Definicje tagów HTML w JSF [Java Server Faces]

Ta podręczna lista referencji, definiuje standardowe tagi HTML, które są generowane przez JSF. Dla tych tagów, musisz, użyć podanego `uri` atrybutu dla dyrektywy `taglib` w pliku JSP: http://java.sun.com/jsf/html

Tabela ukazuje przykłady HTML kodów, oraz użycie proporcjonalne dla JSF biblioteki tagów:

Tag JSF	Odpowiednik HTML
UIForm	
form	

`<h:form id="jsftags">`
`...`
`</h:form>`
	`<form id="jsftags" method="post"`
	
	`action="/jsftags/faces/pages/tags.jsp"`
	`    enctype="application/x-www-form-urlencoded">`
	`    ...`
	`    <input type="hidden" name="jsftags"`
	`    value="jsftags" />`
	`    <input type="hidden" name="jsftags:link" />`
	`</form>`

UICommand	
commandButton	

`<h:commandButton`
`   id="submit"`
`   value="#{msg.buttonHeader}"`
`   action="nextPage">`
`</h:commandButton>`
	`<input`
	`      id="_id0:submit"`
	`      type="submit"`
	`      name="_id0:submit"`
	`      value="Next Step"/>`

commandLink	

`<h:commandLink id="link" action="goto">`
`  <h:outputText value="#{msg.linkName}"/>`
`</h:commandLink>`
	`<a id="_id0:link" href="#" onclick=`
	
	`"document.forms['_id0']['_id0:link'].value=`
	`    '_id0:link';`
	
	`document.forms['_id0'].submit();`
	`      return false;">Next Page</a>`

UIGraphic	
graphicImage	

`<h:graphicImage id="image"`
`   alt="jsf-sun"`
`   url="/images/jsf-sun.gif">`
`</h:graphicImage>`
	`<img id="jsftags:image"`
	` src="/jsf-example/images/jsf-sun.gif"`
	`  alt="jsf-sun" />`

UIInput	

inputText	

`<h:inputText id="address"`
`  value="#{jsfexample.address}" />`
	`<input type="text"`
	`name="jsftags:_id1"`
	`  value="123 JSF Ave" />`

inputSecret	

`<h:inputSecret redisplay="false"`
`  value="#{jsfexample.password}" />`
	`<input id="jsftags:password"`
	`    type="password"`
	`    name="jsftags:password"`
	`    value="secret" />`

inputHidden	

`<h:inputHidden id="hidden"`
`   value="userPreference" />`
	`<input id="jsftags:hidden"`
	`    type="hidden"`
	`    name="jsftags:hidden"`
	`    value="userPreference" />`

inputTextArea	

`<h:inputTextarea id="textArea"`
`   rows="4" cols="7"`
`   value="Text goes here.."/>`
	`<textarea id="jsftags:textArea"`
	`   name="jsftags:textArea"`
	`   cols="5" rows="3">`
	`    Text goes here..`
	`</textarea>`

UIOutput	
outputText	
`<h:outputText` ` value="#{jsfexample.zipCode}"/>`	`10032`
outputLabel	

`<h:outputLabel for="address">`
`  <h:outputText id="addressLabel"`
`    value="User Home Address"/>`
`</h:outputLabel>`
	`<span id="jsftags:addressLabel">`
	`  User Home Address</span>`

outputLink	

`<h:outputLink`
` value="#{msg['jsfstudio.home.url']}">`
`  <f:verbatim>Funkcje.net</f:verbatim>`
`</h:outputLink>`
	`<a href="http://www.funkcje.net">`
	` Funkcje.net`
	`</a>`

outputFormat	

`<h:outputFormat`
` value="#{msg.jsfstudioThankYou}">`
`  <f:param value="Joe Blow"/>`
`  <f:param id="productName"`
`    value="#{msg['jsfstudio.label']}"/>`
`</h:outputFormat>`
	`Thank you, Joe Blow, for tryimg`
	`Exadel JSF Studio!`

UIMessage and UIMessages	
message	
`Enter address:`	`Enter address:`

``<h:message style="color: red"
for="useraddress" />
<h:inputText id="useraddress"
value="#{jsfexample.address}"
required="true"/>
<h:commandButton action="save"
value="Save"/>```	```
Validation Error: Value is
required.

<input id="jsftags:useraddress"
type="text"
name="jsftags:useraddress"
value="" />
<input type="submit"
name="jsftags:_id1"
value="Save" />```

UISelectBoolean

selectBooleanCheckbox

``<h:selectBooleanCheckbox
 title="emailUpdates"

value="#{jsfexample.wantsEmailUpdates}"
>
</h:selectBooleanCheckbox>
<h:outputText
  value="Tekst.."/>``` | ```<input type="checkbox"
  name="jsftags:_id6" checked
    title="emailUpdates" />
Tekst..?``` |

UISelectMany

selectManyCheckboxlist

``<h:selectManyCheckbox id="cars"
value="#{carsBean.car}">
<f:selectItems
value="#{carBean.carList}"/>
</h:selectManyCheckbox>```	```
<table>
<tr>
<td><label for="jsftags:cars">
<input name="jsftags:cars"
value="accord" type="checkbox">
Honda Accord</input>
</label></td>
<td><label for="jsftags:cars">
<input name="jsftags:cars"
value="4runner"
type="checkbox">
Toyota 4Runner</input>
</label></td>
<td><label for="jsftags:cars">
<input name="jsftags:cars"
value="nissan-z"
type="checkbox">
Nissan Z350</input<
</label></td>
</tr>
</table>
```

selectManyMenu

``<h:selectManyMenu
id="cars_selectManyMenu"
value="#{carBean.car}">
<f:selectItems
value="#{carBean.carList}"/>
</h:selectManyMenu>```	```<select
id="jsftags:cars_selectManyMenu"
name="jsftags:cars_selectManyMenu"
multiple size="1">
<option value="accord">Honda
Accord</option>
<option value="4runner">Toyota```

| | ```
4Runner</option>
  <option value="nissan-z">Nissan
Z350</option>
</select>
``` |
| **selectManyListbox** | |
| ```
<h:selectManyListbox
 id="cars_selectManyListbox"
  value="#{carBean.car}">
   <f:selectItems
    value="#{carBean.carList}"/>
</h:selectManyListbox>
``` | ```
<select
id="jsftags:cars_selectManyListbox"

name="jsftags:cars_selectManyListbox
"
  multiple size="3">
   <option value="accord">Honda
Accord</option>
   <option value="4runner">Toyota
4Runner</option>
   <option value="nissan-z">Nissan
Z350</option>
</select>
``` |
| **UISelectOne** | |
| **selectOneRadio** | |
| ```
<h:selectOneRadio
 value="#{carBean.currentCar}">
  <f:selectItems
   value="#{carBean.carList}" />
</h:selectOneRadio>
``` | ```
<table><tr>
 <td>
  <label for="jsftags:_id9">
   <input type="radio"
    name="jsftags:_id9"
value="accord">
     Honda Accord
    </input></label>
 </td>
 <td>
  <label for="jsftags:_id9">
   <input type="radio"
    name="jsftags:_id9"
value="4runner">
     Toyota 4Runner
    </input></label>
 </td>
 <td>
  <label for="jsftags:_id9">
   <input type="radio"
    name="jsftags:_id9"
value="nissan-z">
     Nissan Z350
    </input>/label>
 </td>
</tr></table>
``` |
| **selectOneMenu** | |
| ```
<h:selectOneMenu id="selectCar"
 value="#{carBean.currentCar}">
  <f:selectItems
   value="#{carBean.carList}" />
</h:selectOneMenu>
``` | ```
<select id="jsftags:selectCar"
 name="jsftags:selectCar" size="1">
  <option value="accord">Honda
Accord</option>
  <option value="4runner">Toyota
4Runner</option>
  <option value="nissan-z">Nissan
Z350</option>
``` |

	`</select>`

selectOneListbox

| ```
<h:selectOneListbox id="pickCar"
 value="#{carBean.currentCar}">
  <f:selectItems
   value="#{carBean.carList}" />
</h:selectOneListbox>
``` | ```
<select id="jsftags:pickCar"
 name="jsftags:selectCar" size="3">
  <option value="accord">Honda
Accord</option>
  <option value="4runner">Toyota
4Runner</option>
  <option value="nissan-z">Nissan
Z350</option>
</select>
``` |

<div align="center">

UIPanel

</div>

Grid and Group

| ```
<h:panelGrid columns="4"
footerClass="subtitle"
  headerClass="subtitlebig"
styleClass="medium"
  columnClasses="subtitle,medium">
  <f:facet name="header">
    <h:outputText value="Table with
numbers"/>
  </f:facet>
  <h:outputText value="1" />
  <h:outputText value="2" />
  <h:outputText value="3" />
  <h:outputText value="4" />
  <h:outputText value="5" />
  <h:outputText value="6" />
  <h:outputText value="7" />
  <f:facet name="footer">
    <h:panelGroup>
      <h:outputText value="one row"  />
      <h:outputText value=" "  />
      <h:outputText
       value="grouped with panelGroup"
/>
    </h:panelGroup>
  </f:facet>
</h:panelGrid>
``` | ```
<table class="medium">
 <thead>
  <tr><th class="subtitlebig"
colspan="4"
   scope="colgroup">Table with
numbers</th>
  </tr>
 </thead>
 <tfoot>
  <tr><td class="subtitle"
   colspan="4">
    one row grouped with panelGroup
   </td>
  </tr>
 </tfoot>
 <tbody>
  <tr>
   <td class="subtitle">1</td>
   <td class="medium">2</td>
   <td class="subtitle">3</td>
   <td class="medium">4</td>
  </tr>
  <tr>
   <td class="subtitle">5</td>
   <td class="medium">6</td>
   <td class="subtitle">7</td>
   </tr>
 </tbody>
</table>
``` |

<div align="center">

UIColumn and UIData

</div>

dataTable and column

| ```
<h:dataTable id="books"
 columnClasses="list-column-center,
  list-column-right, list-column-
center,
list-column-right" headerClass="list-
header"
 rowClasses="list-row"
styleClass="list-
``` | ```
<table id="jsftags:books"
 class="list-background">
 <thead>
  <tr>
   <th class="list-header"
    scope="col">Title</th>
   <th class="list-header"
    scope="col">Subject</th>
``` |

```
background" value="#{BookStore.items}"
var="store">
  <h:column>
    <f:facet name="header">
      <h:outputText
value="#{msg.storeNameLabel}"/>
    </f:facet>
      <h:outputText
value="#{store.name}"/>
  </h:column>
  <h:column>
    <f:facet name="header">
      <Subject
    </f:facet>
      <h:outputText
value="#{store.subject}"/>
  </h:column>
  <h:column>
    <f:facet name="header">
      <h:outputText
value="#{msg.storePriceLabel}"/>
    </f:facet>
      <h:outputText
value="#{store.price}"/>
  </h:column>
</h:dataTable>
```

```
    <th class="list-header"
      scope="col">Price ($)</th>
  </tr>
</thead>
<tbody>
  <tr class="list-row">
    <td class="list-column-center">
    JSF For Dummies</td>
    <td class="list-column-right">
    JSF</td>
    <td class="list-column-center">
    25.0</td>
  </tr>
  <tr class="list-row">
    <td class="list-column-center">
    Struts For Dummies</td>
    <td class="list-column-right">
    Struts</td>
    <td class="list-column-center">
    22.95</td>
  </tr>
</tbody>
</table>
```

UISelectItems

selectItems

```
<h:selectOneMenu id="selectOneCar"
 value="#{carBean.currentCar}">
  <f:selectItems
   value="#{carBean.carList}" />
</h:selectOneMenu>
```

```
<select id="jsftags:selectOneCar"
 name="jsftags:selectCar" size="1">
  <option value="accord">Honda
Accord</option>
  <option value="4runner">Toyota
4Runner</option>
  <option value="nissan-z">Nissan
Z350</option>
</select>
```

UISelectItem

selectItem

```
<h:outputText value="Select car color:"
/>
<h:selectOneMenu id="chooseCarColor"
  value="apple">
  <f:selectItem
    itemValue="red" itemLabel="Red"/>
  <f:selectItem
    itemValue="blue" itemLabel="Blue"/>
  <f:selectItem
    itemValue="black"
itemLabel="Black"/>
  <f:selectItem
    itemValue="green"
itemLabel="Green"/>
  <f:selectItem
    itemValue="white"
```

```
Select car color:
<select id="jsftags:chooseCarColor"
 name="jsftags:chooseCarColor"
size="1">
  <option value="red">Red</option>
  <option value="blue">Blue</option>
  <option
value="black">Black</option>
  <option
value="green">Green</option>
  <option
value="white">White</option>
</select>
```

```
itemLabel="White"/>
</h:selectOneMenu>
```