

STRUTS 2 - CONTROL TAGS

http://www.tutorialspoint.com/struts_2/struts_control_tags.htm

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The Struts 2 tags have a set of tags that make it easy to control the flow of page execution. Following is the list of important Struts 2 Control Tags:

The if and else tags

These tags perform basic condition flow found in every language. 'If' tag could be used by itself or with 'Else If' Tag and/or single/multiple 'Else' Tag as shown below:

```
<s:if test="%{false}">
  <div>Will Not Be Executed</div>
</s:if>
<s:elseif test="%{true}">
  <div>Will Be Executed</div>
</s:elseif>
<s:else>
  <div>Will Not Be Executed</div>
</s:else>
```

[Check Detailed Example](#)

The iterator tags

These **iterator** will iterate over a value. An iterable value can be any of: java.util.Collection, java.util.Iterator. While iterating over an iterator, you can use **Sort** tag to sort the result or **SubSet** tag to get a sub set of the list or array.

The following example retrieves the value of the getDays method of the current object on the value stack and uses it to iterate over. The <s:property/> tag prints out the current value of the iterator.

```
<s:iterator value="days">
  <p>day is: <s:property/></p>
</s:iterator>
```

[Check Detailed Example](#)

The merge tag

These **merge** tag take two or more lists as parameters and merge them all together as shown below:

```
<s:merge var="myMergedIterator">
  <s:param value="%{myList1}" />
  <s:param value="%{myList2}" />
  <s:param value="%{myList3}" />
</s:merge>
<s:iterator value="%{#myMergedIterator}">
  <s:property />
</s:iterator>
```

[Check Detailed Example](#)

The append tag

These **append** tag take two or more lists as parameters and append them all together as shown below:

```
<s:append var="myAppendIterator">
  <s:param value="%{myList1}" />
```

```
<s:param value="%{myList2}" />
<s:param value="%{myList3}" />
</s:append>
<s:iterator value="%{#myAppendIterator}">
  <s:property />
</s:iterator>
```

[Check Detailed Example](#)

The generator tag

These **generator** tag generates an iterator based on the val attribute supplied. Following generator tag generates an iterator and print it out using the iterator tag.

```
<s:generator val="%{'aaa,bbb,ccc,ddd,eee'}">
  <s:iterator>
    <s:property /><br/>
  </s:iterator>
</s:generator>
```

[Check Detailed Example](#)

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