

Validation Check of the Element Technology

Summary

Basically, all the common technologies developed have a validation check function configured for the input items of a screen (JSP). In case of an element technology, its functional use is re-implemented depending on the purpose of developing an application. The screens (JSP) of the to-be-developed applications vary, so the following guide containing examples shall be provided.

This function utilizes the Validator implemented in the Egovframework execution environment.

Description

- ① A Validation function for the Date input in a test page
- ② A Validation function for the Integer input in a test page

Manual

- Create the date/integer validator xml files to be checked for each screen.

1. Example on the Date Input

```
<field property="fromDate" depends="required,maxlength,date">
  <arg0 key="frm.fromDate" resource="true"/>
  <arg1 key="8" resource="true"/>
  <var>
    <var- name>maxlength</var- name>
    <var- value>8</var- value>
  </var>
</field>
```

2. Example on the Integer Input

```
<field property="size" depends="required,integer">
  <arg0 key="frm.size" resource="true"/>
</field>
```

- Add the validator xml file to be checked to 'context-validator.xml'.

(Ex)

```
<value>classpath:/egovframework/validator/com/utl/sim/EgovSysInfo.xml</value>
```

- Add the validator processing from the screen.

(Ex)

```
<%@ taglib prefix="form" uri="http://www.springframework.org/tags/form" %>
<%@ taglib prefix="validator" uri="http://www.springmodules.org/tags/commons-validator" %>
<script type="text/javascript" src="<c:url value="/validator.do"/>"></script>
<validator:javascript formName="sysForm3" staticJavascript="false" xhtml="true" cdata="false"/>
```

```
<script type="text/javascript" language="javascript">
function fnGetFreeMemory() {
    if(!validateSysForm3(document.sysForm3)){
        return;
    } else{
        document.sysForm3.submit();
    }
}
</script>
```

```
<form:form name="sysForm3" action ="EgovPageLink.do" method="post">
```

```
<table width="430" border="0" cellpadding="0" cellspacing="1" class="table- register">
  <tr>
    <th width="150">valid memory check</th>
    <td width="280"><input type = "button" method="post" value="Run!" onclick="fnGetFreeMemory();"></td>
  </tr>
  <tr>
    <th width="150">memory to be used (MB)</th>
    <td width="280"><input type = "text" name="size" value="" size="40" style="ime- mode: disabled;"></td>
  </tr>
</table>
</form:form>
```

References

- Reference to Execution Environment Validator: [jakarta commons validator](#)