

# Using ConfiForms Field Definition rules with JavaScript action to get and set field values

As dialog

Register (as dialog)

As embedded

(to show that there is no difference in the approach)

Storage format for the demo

```
<ac:structured-macro ac:macro-id="1e44be9a-086e-4888-a51d-f76122fe42d9" ac:name="confiForm-entry-register" ac:
schema-version="1">
  <ac:parameter ac:name="formName">myform1</ac:parameter>
  <ac:parameter ac:name="embedded">true</ac:parameter>
  <ac:rich-text-body>
    <p>
      <br/>
    </p>
  </ac:rich-text-body>
</ac:structured-macro>
<ac:structured-macro ac:macro-id="8aldaca4-bcaf-414b-ad7f-491797212a82" ac:name="confiForm" ac:schema-version="
1">
  <ac:parameter ac:name="formName">myform1</ac:parameter>
  <ac:rich-text-body>
    <p>
      <ac:structured-macro ac:macro-id="db13acea-4acb-4ede-8904-9300d7cbc084" ac:name="confiForm-field-
definition" ac:schema-version="1">
        <ac:parameter ac:name="fieldName">myvalue</ac:parameter>
        <ac:parameter ac:name="fieldLabel">My value</ac:parameter>
        <ac:parameter ac:name="fieldDescription">Type some value into this field, then click on show and set
value checkbox fields</ac:parameter>
        <ac:parameter ac:name="type">text</ac:parameter>
      </ac:structured-macro>
    </p>
    <p>
      <ac:structured-macro ac:macro-id="a59ad43d-7d5d-4ec8-9f0e-b0293c6631e9" ac:name="confiForm-field-
definition" ac:schema-version="1">
        <ac:parameter ac:name="fieldName">showValue</ac:parameter>
        <ac:parameter ac:name="fieldLabel">Show my value with JavaScript</ac:parameter>
        <ac:parameter ac:name="type">checkbox</ac:parameter>
      </ac:structured-macro>
    </p>
    <p>
      <ac:structured-macro ac:macro-id="a04e1a08-84b1-4d8c-b124-f164de9a62a4" ac:name="confiForm-field-
definition" ac:schema-version="1">
        <ac:parameter ac:name="fieldName">setValue</ac:parameter>
        <ac:parameter ac:name="fieldLabel">Set my value with JavaScript</ac:parameter>
        <ac:parameter ac:name="type">checkbox</ac:parameter>
      </ac:structured-macro>
    </p>
    <p>
      <ac:structured-macro ac:macro-id="dcace86d-bf96-4d5c-b523-b1642b38c2be" ac:name="confiForm-field-
definition" ac:schema-version="1">
        <ac:parameter ac:name="fieldName">valueToBeSet</ac:parameter>
        <ac:parameter ac:name="fieldLabel">Value to be set with JavaScript</ac:parameter>
        <ac:parameter ac:name="type">read_only</ac:parameter>
      </ac:structured-macro>
    </p>
  </ac:rich-text-body>
</ac:structured-macro>
```

```

</p>
<p>
  <ac:structured-macro ac:macro-id="494b894f-98c1-4481-ac2c-0887dbbd29e2" ac:name="confiform-field-
definition-rules" ac:schema-version="1">
    <ac:parameter ac:name="condition">showValue:true</ac:parameter>
    <ac:parameter ac:name="values">showValueFunc(formName, formId);</ac:parameter>
    <ac:parameter ac:name="action">Run custom JavaScript</ac:parameter>
    <ac:parameter ac:name="actionFieldName">showValue</ac:parameter>
  </ac:structured-macro>
</p>
<p>
  <ac:structured-macro ac:macro-id="10d934ac-26ac-481f-9425-ac48abacd243" ac:name="confiform-field-
definition-rules" ac:schema-version="1">
    <ac:parameter ac:name="condition">setValue:true</ac:parameter>
    <ac:parameter ac:name="values">setValueFunc(formName, formId);</ac:parameter>
    <ac:parameter ac:name="action">Run custom JavaScript</ac:parameter>
    <ac:parameter ac:name="actionFieldName">setValue</ac:parameter>
  </ac:structured-macro>
</p>
</ac:rich-text-body>
</ac:structured-macro>
<ac:structured-macro ac:macro-id="aa63a37a-fb63-4cbc-959d-64ffd661e539" ac:name="html" ac:schema-version="1">
  <ac:plain-text-body><![CDATA[<script>
function showValueFunc(formName, formId) {
  // never execute it in edit mode
  if (isPageViewMode()) {
    alert(AJS.$(formName).find('#i_myvalue').val());
  }
}

function setValueFunc(formName, formId) {
  if (isPageViewMode()) {
    AJS.$(formName).find('#i_valueToBeSet').val(AJS.$(formName).find('#i_myvalue').val());
  }
}

function isPageViewMode() {
  return AJS.$('#wysiwygTextarea_ifr').length === 0;
}

</script>]]></ac:plain-text-body>
</ac:structured-macro>

```