

Show characters count in text area field with ConfiForms

Field Definition Rule of JavaScript type

Simple demo to show how to use Javascript function with ConfiForms Field Definition Rule

We just add a counter to textarea field and track the user input (there is no validation here, it is just a demo on how to glue together ConfiForms field definition rule with custom JavaScript function and how to access the form field)

Storage format

```
<ac:structured-macro ac:macro-id="cc63f296-c16b-49ac-ae4c-4f4df68a6c7a" ac:name="conform-entry-register" ac:
schema-version="1">
  <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="4fd4a40e-d0a0-47b0-82f7-7f034a606568" ac:name="conform" ac:schema-version="
1">
  <ac:parameter ac:name="formName">myform1</ac:parameter>
  <ac:rich-text-body>
    <p>
      <ac:structured-macro ac:macro-id="abdd5765-8d68-4fc9-8d9f-715c68fdeddc" ac:name="conform-field-
definition" ac:schema-version="1">
        <ac:parameter ac:name="fieldName">ta</ac:parameter>
        <ac:parameter ac:name="fieldLabel">ta</ac:parameter>
        <ac:parameter ac:name="type">textarea</ac:parameter>
      </ac:structured-macro>
    </p>
    <p>
      <ac:structured-macro ac:macro-id="24c415b4-ba74-429b-a651-cf9521913dab" ac:name="conform-field-
definition-rules" ac:schema-version="1">
        <ac:parameter ac:name="values">addCounter(formName, formId);</ac:parameter>
        <ac:parameter ac:name="action">Run custom JavaScript</ac:parameter>
      </ac:structured-macro>
    </p>
  </ac:rich-text-body>
</ac:structured-macro>
<ac:structured-macro ac:macro-id="3496b6cf-5467-45eb-a4db-0cdb4c0a423e" ac:name="html" ac:schema-version="1">
  <ac:plain-text-body><![CDATA[<script>
function addCounter(formName, formId) {
  var taElem = AJS.$('#' + formId).find('#i_ta'); // find the "textare field" by name "ta"
  if (!taElem.hasClass('cfcounter')) {
    taElem.addClass('cfcounter'); // this is sort of a marker that tells if the "counter div" is initialized
    taElem.after('<div id="i_taCharNum">10 characters left</div>');

    // setup handler
    taElem.on("input", function(){
      var maxLength = 10;
      var currentLength = AJS.$(this).val().length;

      var charsLeft = maxLength - currentLength;
      AJS.$('#i_taCharNum').html(Math.max(0, charsLeft, charsLeft) + " chars left");
    });
  }
}
</script>]]></ac:plain-text-body>
</ac:structured-macro>
```