

Demo for dropdown and apply filter rule to show choices and use of delete rule to prevent deletes when the data is used in another form

This is a demo to show how the dropdown could be filtered using the "usedcount" also counting how many time the name was used

There is also a mechanism used to prevent the deletion of the data if it is used in the other form

Meaning that the form that uses the data from a source form sets the counter about how many times the data have been used. And there is a delete rule on source form to check the "used counter" and fail the deletion of the used count is more than 0

 **Much simpler solution with new function**

[Virtual functions](#) has now a function to query count (*queryCount*) matching your criteria, using this function in the condition of "Validate on delete" rule is much more simpler than implementing the counter and counting the use of values

Register
Register

Records in f

profileName	Used count
test	1
another test	0
test00	0
Ozan	0
asdf	0
123	0
test4	0
test	0
cccc	0
atom	0
myonlyentry	0
Ti Best	0
dSAD	0
	0
Counter	0
TESTABC	0
xxx	0
yoppy	0

Yoppy Rizaldi	0
Yoppy Rizaldi	0
Test01	0
uppp	0
uppp	0
adasfd	0
Augustus	0
test00	0
aSAs	0
test	0
test112233	0
Angel	0
rrr	0
test	0
Mist	0
sadasd	0
test	0
huhu	0

Recods in f2

profileName
test
another test
test
Ozan
another test
test
test
test00
123
test4
test
test

another test
Ozan
test00
test
Ozan
another test
test
test
test
test
test
Ti Best
another test
Counter
another test
TESTABC
test00
test4
another test
xxx
test
test
Yoppy Rizaldi
Test01
Test01
uppp
uppp
uppp
uppp
atom
atom
another test
cccc
123

dSAD
cccc
test
test00
cccc
Ozan
test
test
test
Augustus
test
dSAD
test
Ozan
myonlyentry
test00
test112233
Angel
test
123
test
rrr
Mist
another test
myonlyentry
another test
test
Ozan

Source code for the solution

```
<ac:structured-macro ac:macro-id="323f6007-384e-41ce-8d66-7d65c436f281" ac:name="confiorm" ac:schema-version="1">
  <ac:parameter ac:name="formName">f01</ac:parameter>
  <ac:rich-text-body>
    <ac:structured-macro ac:macro-id="ef798ae4-d4a7-42c4-8c3e-4b93c2f56286" ac:name="confiorm-entry-register" ac:schema-version="1">
      <ac:rich-text-body>
        <p> </p>
      </ac:rich-text-body>
    </ac:structured-macro>
  </ac:rich-text-body>
</ac:structured-macro>
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</ac:structured-macro>
<p>
  <ac:structured-macro ac:macro-id="b9706e4b-d98e-4cdf-8452-07c715edc161" ac:name="confiiform-field-
definition" ac:schema-version="1">
    <ac:parameter ac:name="fieldName">profileName</ac:parameter>
    <ac:parameter ac:name="fieldLabel">profileName</ac:parameter>
    <ac:parameter ac:name="type">text</ac:parameter>
  </ac:structured-macro>
</p>
<p> </p>
<p>
  <ac:structured-macro ac:macro-id="4d2758d3-4c25-4466-84be-3340a02e5f5d" ac:name="confiiform-field-
definition" ac:schema-version="1">
    <ac:parameter ac:name="fieldName">used</ac:parameter>
    <ac:parameter ac:name="fieldLabel">Used</ac:parameter>
    <ac:parameter ac:name="values">>false</ac:parameter>
    <ac:parameter ac:name="type">hidden</ac:parameter>
  </ac:structured-macro>
</p>
<p>
  <ac:structured-macro ac:macro-id="6690c163-f11d-4f0c-b892-2c7b3f14459e" ac:name="confiiform-field-
definition" ac:schema-version="1">
    <ac:parameter ac:name="fieldName">usedcount</ac:parameter>
    <ac:parameter ac:name="fieldLabel">Used count</ac:parameter>
    <ac:parameter ac:name="values">0</ac:parameter>
    <ac:parameter ac:name="type">hidden</ac:parameter>
  </ac:structured-macro>
</p>
  <ac:structured-macro ac:macro-id="11c04fe8-aa43-49d0-a460-a0b1cec79e01" ac:name="confiiform-ifttt" ac:schema-
version="1">
    <ac:parameter ac:name="condition">used:true</ac:parameter>
    <ac:parameter ac:name="extras3">>true</ac:parameter>
    <ac:parameter ac:name="action">Create ConfiForms Entry</ac:parameter>
    <ac:parameter ac:name="event">onModified</ac:parameter>
    <ac:parameter ac:name="title">entryId=[entry.id]&amp;usedcount=([entry.usedcount]+1)&amp;used=true</ac:
parameter>
    <ac:parameter ac:name="who">f01:12222622</ac:parameter>
    <ac:rich-text-body>
      <p> </p>
    </ac:rich-text-body>
  </ac:structured-macro>
  <ac:structured-macro ac:macro-id="fef83b62-6842-4374-8d32-3b13abeb38ed" ac:name="confiiform-ifttt" ac:schema-
version="1">
    <ac:parameter ac:name="condition">used:false</ac:parameter>
    <ac:parameter ac:name="extras3">>true</ac:parameter>
    <ac:parameter ac:name="action">Create ConfiForms Entry</ac:parameter>
    <ac:parameter ac:name="event">onModified</ac:parameter>
    <ac:parameter ac:name="title">entryId=[entry.id]&amp;usedcount=([entry.usedcount]-1)&amp;used=false</ac:
parameter>
    <ac:parameter ac:name="who">f01:12222622</ac:parameter>
    <ac:rich-text-body>
      <p> </p>
    </ac:rich-text-body>
  </ac:structured-macro>
<p>
  <ac:structured-macro ac:macro-id="965ed455-9a0a-461f-93ab-49fad96f376b" ac:name="confiiform-field-
definition-rules" ac:schema-version="1">
    <ac:parameter ac:name="condition">usedcount:&gt;0</ac:parameter>
    <ac:parameter ac:name="fieldName">You cannot edit this record (it is used (referenced) in other form)<
/ac:parameter>
    <ac:parameter ac:name="action">Validate on delete</ac:parameter>
  </ac:structured-macro>
</p>
</ac:rich-text-body>
</ac:structured-macro>
<ac:structured-macro ac:macro-id="3aebe087-a1d1-4b14-9367-7c87a4efd011" ac:name="confiiform" ac:schema-version="
1">
  <ac:parameter ac:name="formName">f11</ac:parameter>
  <ac:rich-text-body>
    <ac:structured-macro ac:macro-id="28803937-25f6-4738-92e5-ea53d8edae7f" ac:name="confiiform-entry-register"
ac:schema-version="1">

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        <ac:rich-text-body>
            <p> </p>
        </ac:rich-text-body>
    </ac:structured-macro>
    <p>
        <ac:structured-macro ac:macro-id="578f2f88-9e05-4491-9a34-40c139c23152" ac:name="confiform-field-
definition" ac:schema-version="1">
            <ac:parameter ac:name="fieldName">profileName</ac:parameter>
            <ac:parameter ac:name="fieldLabel">profileName</ac:parameter>
            <ac:parameter ac:name="values">[12222622|f|profileName|true|]</ac:parameter>
            <ac:parameter ac:name="type">smartselect</ac:parameter>
        </ac:structured-macro>
    </p>
    <ac:structured-macro ac:macro-id="ea265827-080b-4f1f-b859-7728658da04f" ac:name="confiform-ifttt" ac:schema-
version="1">
        <ac:parameter ac:name="extras5">true</ac:parameter>
        <ac:parameter ac:name="action">Create ConfiForms Entry</ac:parameter>
        <ac:parameter ac:name="event">onCreated</ac:parameter>
        <ac:parameter ac:name="title">entryId=[entry.profileName]&amp;used=true</ac:parameter>
        <ac:parameter ac:name="who">f:12222622</ac:parameter>
        <ac:rich-text-body>
            <p> </p>
        </ac:rich-text-body>
    </ac:structured-macro>
    <ac:structured-macro ac:macro-id="a9b4c52e-dc2c-412c-a353-0609b30ae72f" ac:name="confiform-ifttt" ac:schema-
version="1">
        <ac:parameter ac:name="extras5">true</ac:parameter>
        <ac:parameter ac:name="condition">hasChanged(profileName):true</ac:parameter>
        <ac:parameter ac:name="action">Create ConfiForms Entry</ac:parameter>
        <ac:parameter ac:name="event">onModified</ac:parameter>
        <ac:parameter ac:name="title">entryId=[entry._previousState.profileName]&amp;used=false</ac:parameter>
        <ac:parameter ac:name="who">f01:12222622</ac:parameter>
        <ac:rich-text-body>
            <p> </p>
        </ac:rich-text-body>
    </ac:structured-macro>
    <ac:structured-macro ac:macro-id="ecd1c878-ddfb-4ce4-9f06-796a3334935b" ac:name="confiform-ifttt" ac:schema-
version="1">
        <ac:parameter ac:name="extras5">true</ac:parameter>
        <ac:parameter ac:name="condition">hasChanged(profileName):true</ac:parameter>
        <ac:parameter ac:name="action">Create ConfiForms Entry</ac:parameter>
        <ac:parameter ac:name="event">onModified</ac:parameter>
        <ac:parameter ac:name="title">entryId=[entry.profileName]&amp;used=true</ac:parameter>
        <ac:parameter ac:name="who">f01:12222622</ac:parameter>
        <ac:rich-text-body>
            <p> </p>
        </ac:rich-text-body>
    </ac:structured-macro>
    <ac:structured-macro ac:macro-id="01a76f72-1c9f-44d5-be3b-38038a419dc0" ac:name="confiform-ifttt" ac:schema-
version="1">
        <ac:parameter ac:name="extras5">true</ac:parameter>
        <ac:parameter ac:name="action">Create ConfiForms Entry</ac:parameter>
        <ac:parameter ac:name="event">onDeleted</ac:parameter>
        <ac:parameter ac:name="title">entryId=[entry.profileName]&amp;used=false</ac:parameter>
        <ac:parameter ac:name="who">f01:12222622</ac:parameter>
        <ac:rich-text-body>
            <p> </p>
        </ac:rich-text-body>
    </ac:structured-macro>
    </ac:rich-text-body>
</ac:structured-macro>
<p>Records in f</p>
<ac:structured-macro ac:macro-id="a08b6b66-1070-48a8-b56b-1416630b937a" ac:name="confiform-table" ac:schema-
version="1">
    <ac:parameter ac:name="formName">f01</ac:parameter>
    <ac:rich-text-body>
        <p>
            <ac:structured-macro ac:macro-id="542e9d47-c466-4ae8-948d-45b961c32214" ac:name="confiform-field" ac:
schema-version="1">
                <ac:parameter ac:name="fieldName">profileName</ac:parameter>
            </ac:structured-macro>

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</p>
<p>
  <ac:structured-macro ac:macro-id="fd0b30d1-4185-4a29-b5e3-83d6cb47aeaf" ac:name="confiorm-field" ac:
schema-version="1">
    <ac:parameter ac:name="fieldName">usedcount</ac:parameter>
  </ac:structured-macro>
</p>
</ac:rich-text-body>
</ac:structured-macro>
<p> </p>
<p>Recods in f2</p>
<p> </p>
<ac:structured-macro ac:macro-id="b9cb1824-20f7-49f2-afd2-dfa95775899b" ac:name="confiorm-table" ac:schema-
version="1">
  <ac:parameter ac:name="formName">f11</ac:parameter>
  <ac:rich-text-body>
    <p>
      <ac:structured-macro ac:macro-id="b5bc0a57-2d00-4e21-973b-b98a3f369ca0" ac:name="confiorm-field" ac:
schema-version="1">
        <ac:parameter ac:name="fieldName">profileName</ac:parameter>
      </ac:structured-macro>
    </p>
    <p> </p>
  </ac:rich-text-body>
</ac:structured-macro>
```