

CRUD - Simple demo to show how to setup ConfiForms to save data to database table



This is a demo of ConfiForms performing CRUD operations over the custom database table

We have a table with the following structure in our database

```
create table cf_copy_2_db_demo (id SERIAL, name varchar(100), name2 varchar(50), confi_id_ref varchar(40));
```

And would like to copy the data from our form to this table

Our form has 2 fields, title and area, which will be copied to fields name and name2 in the database

We have handlers for 3 events in ConfiForms - "oncreated", "onmodified" and for "ondeleted"

Title

Area

Save

Source code for the solution

```
<ac:structured-macro ac:macro-id="54b51504-c3a5-481a-b8ae-16c04b500104" ac:name="conform" ac:
schema-version="1">
  <ac:parameter ac:name="formName">f1</ac:
parameter>
  <ac:rich-text-body>
    <p>
      <br/>
    </p>
    <p>
      <ac:structured-macro ac:macro-id="091deb8c-54c8-410b-b9cd-fb453c32f059" ac:name="conform-
field-definition" ac:schema-version="1">
        <ac:parameter ac:name="fieldName">title<
/ac:parameter>
        <ac:parameter ac:name="fieldLabel">Title<
/ac:parameter>
        <ac:parameter ac:name="type">text</ac:
parameter>
      </ac:structured-macro>
    </p>
```

Alternative source code for the solution (ConfiForms will use prepared statements everywhere to copy the data, that shall improve possibilities of breaking the SQL command you have)

```
<ac:structured-macro ac:macro-id="54b51504-c3a5-481a-b8ae-16c04b500104" ac:name="conform" ac:
schema-version="1">
  <ac:parameter ac:name="formName">f1</ac:
parameter>
  <ac:rich-text-body>
    <p>
      <br/>
    </p>
    <p>
      <ac:structured-macro ac:macro-id="091deb8c-54c8-410b-b9cd-fb453c32f059" ac:name="conform-
field-definition" ac:schema-version="1">
        <ac:parameter ac:name="fieldName">title<
/ac:parameter>
        <ac:parameter ac:name="fieldLabel">Title<
/ac:parameter>
        <ac:parameter ac:name="type">text</ac:
parameter>
      </ac:structured-macro>
    </p>
```

```
<p>
  <ac:structured-macro ac:macro-id="e5971607-
5ec9-4451-9c92-bd40d9184ab4" ac:name="confiorm-
field-definition" ac:schema-version="1">
    <ac:parameter ac:name="fieldName">area</ac:
parameter>
    <ac:parameter ac:name="fieldLabel">Area<
/ ac:parameter>
    <ac:parameter ac:name="type">text</ac:
parameter>
  </ac:structured-macro>
</p>
<p>
  <ac:structured-macro ac:macro-id="30589a64-
22ea-4678-a71c-f994f207c47c" ac:name="confiorm-
field-definition-rules" ac:schema-version="1">
    <ac:parameter ac:name="condition">title.
asLength:>100</ac:parameter>
    <ac:parameter ac:name="fieldName">Title is
too long, shall be less than 100 symbols</ac:
parameter>
    <ac:parameter ac:name="action">Validation
rule</ac:parameter>
  </ac:structured-macro>
</p>
<p>
  <ac:structured-macro ac:macro-id="9ce1210d-
4898-4203-89e6-0336d2b41679" ac:name="confiorm-
field-definition-rules" ac:schema-version="1">
    <ac:parameter ac:name="condition">area.
asLength:>50</ac:parameter>
    <ac:parameter ac:name="fieldName">Area is
too long, shall be less than 50 symbols</ac:
parameter>
    <ac:parameter ac:name="action">Validation
rule</ac:parameter>
  </ac:structured-macro>
</p>
<ac:structured-macro ac:macro-id="e769fd3d-
8d27-451c-ba1a-ccf4e4d32305" ac:name="confiorm-
ifttt" ac:schema-version="1">
  <ac:parameter ac:name="action">Copy
ConfiForms Data to DB</ac:parameter>
  <ac:parameter ac:name="extras">7422036e-9a6f-
4455-92d9-7140131fb9da</ac:parameter>
  <ac:parameter ac:name="event">onCreated</ac:
parameter>
  <ac:parameter ac:name="title">INSERT INTO
cf_copy_2_db_demo(name, name2, confi_id_ref)
VALUES('[entry.title.escapeSQL]', '[entry.area.
escapeSQL]', '[entry.id.escapeSQL]')</ac:parameter>
  <ac:parameter ac:name="extras2">id:[entry.id]
</ac:parameter>
  <ac:rich-text-body>
    <p>
      <br/>
    </p>
  </ac:rich-text-body>
</ac:structured-macro>
<ac:structured-macro ac:macro-id="5b4f5b76-
a473-4fc0-ae47-e8dc163d6069" ac:name="confiorm-
ifttt" ac:schema-version="1">
  <ac:parameter ac:name="action">Copy
ConfiForms Data to DB</ac:parameter>
  <ac:parameter ac:name="extras">7422036e-9a6f-
4455-92d9-7140131fb9da</ac:parameter>
  <ac:parameter ac:name="event">onModified</ac:
parameter>
  <ac:parameter ac:name="title">UPDATE
cf_copy_2_db_demo SET name = '[entry.title.
escapeSQL]', name2 = '[entry.area.escapeSQL]'
```

```
<p>
  <ac:structured-macro ac:macro-id="e5971607-
5ec9-4451-9c92-bd40d9184ab4" ac:name="confiorm-
field-definition" ac:schema-version="1">
    <ac:parameter ac:name="fieldName">area</ac:
parameter>
    <ac:parameter ac:name="fieldLabel">Area<
/ ac:parameter>
    <ac:parameter ac:name="type">text</ac:
parameter>
  </ac:structured-macro>
</p>
<p>
  <ac:structured-macro ac:macro-id="30589a64-
22ea-4678-a71c-f994f207c47c" ac:name="confiorm-
field-definition-rules" ac:schema-version="1">
    <ac:parameter ac:name="condition">title.
asLength:>100</ac:parameter>
    <ac:parameter ac:name="fieldName">Title is
too long, shall be less than 100 symbols</ac:
parameter>
    <ac:parameter ac:name="action">Validation
rule</ac:parameter>
  </ac:structured-macro>
</p>
<p>
  <ac:structured-macro ac:macro-id="9ce1210d-
4898-4203-89e6-0336d2b41679" ac:name="confiorm-
field-definition-rules" ac:schema-version="1">
    <ac:parameter ac:name="condition">area.
asLength:>50</ac:parameter>
    <ac:parameter ac:name="fieldName">Area is
too long, shall be less than 50 symbols</ac:
parameter>
    <ac:parameter ac:name="action">Validation
rule</ac:parameter>
  </ac:structured-macro>
</p>
<ac:structured-macro ac:macro-id="e769fd3d-
8d27-451c-ba1a-ccf4e4d32305" ac:name="confiorm-
ifttt" ac:schema-version="1">
  <ac:parameter ac:name="action">Copy
ConfiForms Data to DB</ac:parameter>
  <ac:parameter ac:name="extras">7422036e-9a6f-
4455-92d9-7140131fb9da</ac:parameter>
  <ac:parameter ac:name="event">onCreated</ac:
parameter>
  <ac:parameter ac:name="title">INSERT INTO
cf_copy_2_db_demo(name, name2, confi_id_ref)
VALUES([entry.title], [entry.area], [entry.id])<
/ ac:parameter>
  <ac:parameter ac:name="extras2">id:[entry.id]
</ac:parameter>
  <ac:rich-text-body>
    <p>
      <br/>
    </p>
  </ac:rich-text-body>
</ac:structured-macro>
<ac:structured-macro ac:macro-id="5b4f5b76-
a473-4fc0-ae47-e8dc163d6069" ac:name="confiorm-
ifttt" ac:schema-version="1">
  <ac:parameter ac:name="action">Copy
ConfiForms Data to DB</ac:parameter>
  <ac:parameter ac:name="extras">7422036e-9a6f-
4455-92d9-7140131fb9da</ac:parameter>
  <ac:parameter ac:name="event">onModified</ac:
parameter>
  <ac:parameter ac:name="title">UPDATE
cf_copy_2_db_demo SET name = [entry.title], name2
= [entry.area] WHERE confi_id_ref = [entry.id]</ac:
```

```

WHERE confi_id_ref = '[entry.id]'/</ac:parameter>
  <ac:parameter ac:name="extras2">id:[entry.id]
</ac:parameter>
  <ac:rich-text-body>
    <p>
      <br/>
    </p>
  </ac:rich-text-body>
</ac:structured-macro>
<ac:structured-macro ac:macro-id="1704150b-
583b-48fe-ac73-1dc45c4fc4b2" ac:name="conform-
ifttt" ac:schema-version="1">
  <ac:parameter ac:name="action">Copy
ConfiForms Data to DB</ac:parameter>
  <ac:parameter ac:name="extras">7422036e-9a6f-
4455-92d9-7140131fb9da</ac:parameter>
  <ac:parameter ac:name="event">onDeleted</ac:
parameter>
  <ac:parameter ac:name="title">DELETE FROM
cf_copy_2_db_demo WHERE confi_id_ref = '[entry.id.
escapeSQL]'/</ac:parameter>
  <ac:parameter ac:name="extras2">id:[entry.id]
</ac:parameter>
  <ac:rich-text-body>
    <p>
      <br/>
    </p>
  </ac:rich-text-body>
</ac:structured-macro>
</ac:rich-text-body>
</ac:structured-macro>
<ac:structured-macro ac:macro-id="4bba00e4-cbbe-
4006-9203-120fdd3d3f90" ac:name="conform-entry-
register" ac:schema-version="1">
  <ac:parameter ac:name="formName">f1</ac:
parameter>
  <ac:parameter ac:name="embedded">true</ac:
parameter>
  <ac:rich-text-body>
    <p>
      <br/>
    </p>
  </ac:rich-text-body>
</ac:structured-macro>

```

```

parameter>
  <ac:parameter ac:name="extras2">id:[entry.id]
</ac:parameter>
  <ac:rich-text-body>
    <p>
      <br/>
    </p>
  </ac:rich-text-body>
</ac:structured-macro>
<ac:structured-macro ac:macro-id="1704150b-
583b-48fe-ac73-1dc45c4fc4b2" ac:name="conform-
ifttt" ac:schema-version="1">
  <ac:parameter ac:name="action">Copy
ConfiForms Data to DB</ac:parameter>
  <ac:parameter ac:name="extras">7422036e-9a6f-
4455-92d9-7140131fb9da</ac:parameter>
  <ac:parameter ac:name="event">onDeleted</ac:
parameter>
  <ac:parameter ac:name="title">DELETE FROM
cf_copy_2_db_demo WHERE confi_id_ref = [entry.id]<
/ac:parameter>
  <ac:parameter ac:name="extras2">id:[entry.id]
</ac:parameter>
  <ac:rich-text-body>
    <p>
      <br/>
    </p>
  </ac:rich-text-body>
</ac:structured-macro>
</ac:rich-text-body>
</ac:structured-macro>
<ac:structured-macro ac:macro-id="4bba00e4-cbbe-
4006-9203-120fdd3d3f90" ac:name="conform-entry-
register" ac:schema-version="1">
  <ac:parameter ac:name="formName">f1</ac:
parameter>
  <ac:parameter ac:name="embedded">true</ac:
parameter>
  <ac:rich-text-body>
    <p>
      <br/>
    </p>
  </ac:rich-text-body>
</ac:structured-macro>

```