How to use voting controls in ConfiForms

Very simple tutorial to demonstrate how voting control can be used. Please be aware that "voting control" field works only for authenticated users (logged-in Confluence users!)

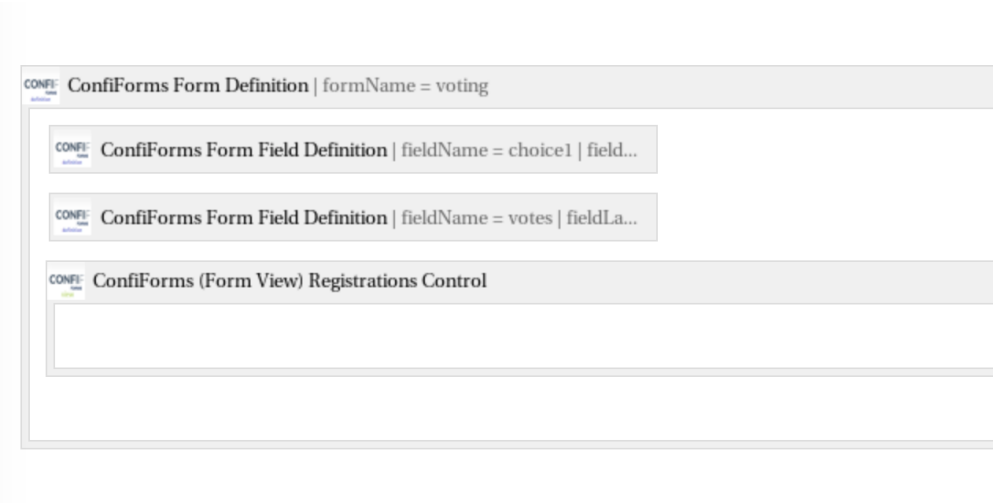
Quick intro

We have a simple form with 2 fields:

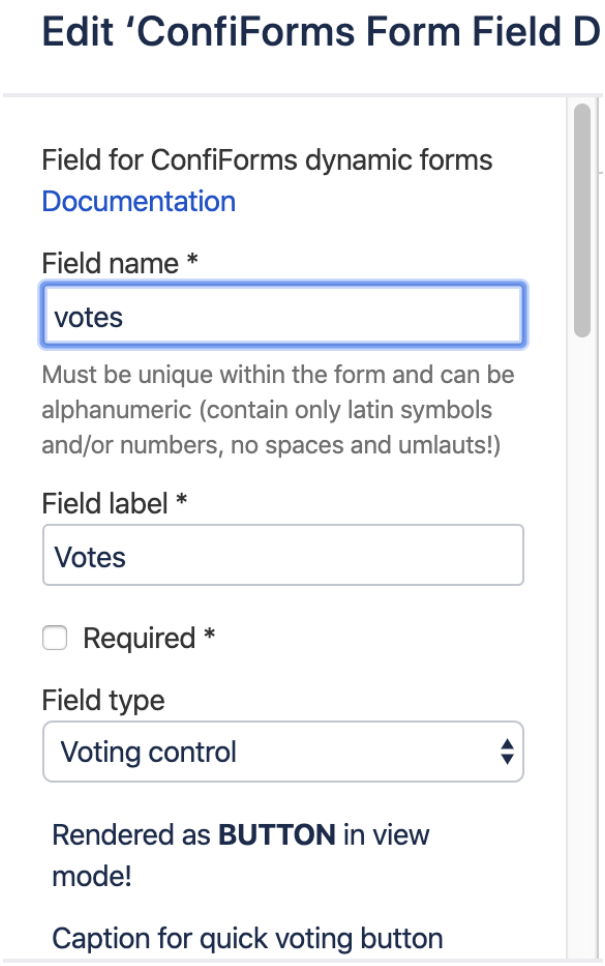
- choice1 - to hold a text for users to vote on (field type: text)
- votes - to count votes (field type: voting)

The demo will work only for logged-in users!!!!

Configuration



Field type for "votes" is "Voting control"



Storage format for the form

```
 <ac:structured-macro ac:macro-id="61430c46-979f-486a-98f7-33666ecc779e" ac:name="confiform" ac:schema-version="
1">
  <ac:parameter ac:name="formName">voting</ac:parameter>
  <ac:rich-text-body>
    <p>
      <ac:structured-macro ac:macro-id="8ddfe4e8-085f-485a-a31e-8580a0106e5f" ac:name="confiform-field-
definition" ac:schema-version="1">
        <ac:parameter ac:name="fieldName">choice1</ac:parameter>
        <ac:parameter ac:name="fieldLabel">Choice 1</ac:parameter>
        <ac:parameter ac:name="type">text</ac:parameter>
      </ac:structured-macro>
    </p>
    <p>
      <ac:structured-macro ac:macro-id="516d13d9-3b30-4ba3-967c-902b7c5169f9" ac:name="confiform-field-
definition" ac:schema-version="1">
        <ac:parameter ac:name="fieldName">votes</ac:parameter>
        <ac:parameter ac:name="fieldLabel">Vote!</ac:parameter>
        <ac:parameter ac:name="values">Vote for me!</ac:parameter>
        <ac:parameter ac:name="extras">Remove my vote</ac:parameter>
        <ac:parameter ac:name="type">voting</ac:parameter>
      </ac:structured-macro>
      <ac:structured-macro ac:macro-id="7fb066a8-6d3a-4165-b6c6-32860fb77573" ac:name="confiform-entry-
register" ac:schema-version="1">
        <ac:parameter ac:name="atlassian-macro-output-type">INLINE</ac:parameter>
        <ac:rich-text-body>
          <p> </p>
        </ac:rich-text-body>
      </ac:structured-macro>
    </p>
  </ac:rich-text-body>
```

Using a ConfiForms ListView macro to show the data, "choice1" field followed by "votes" field



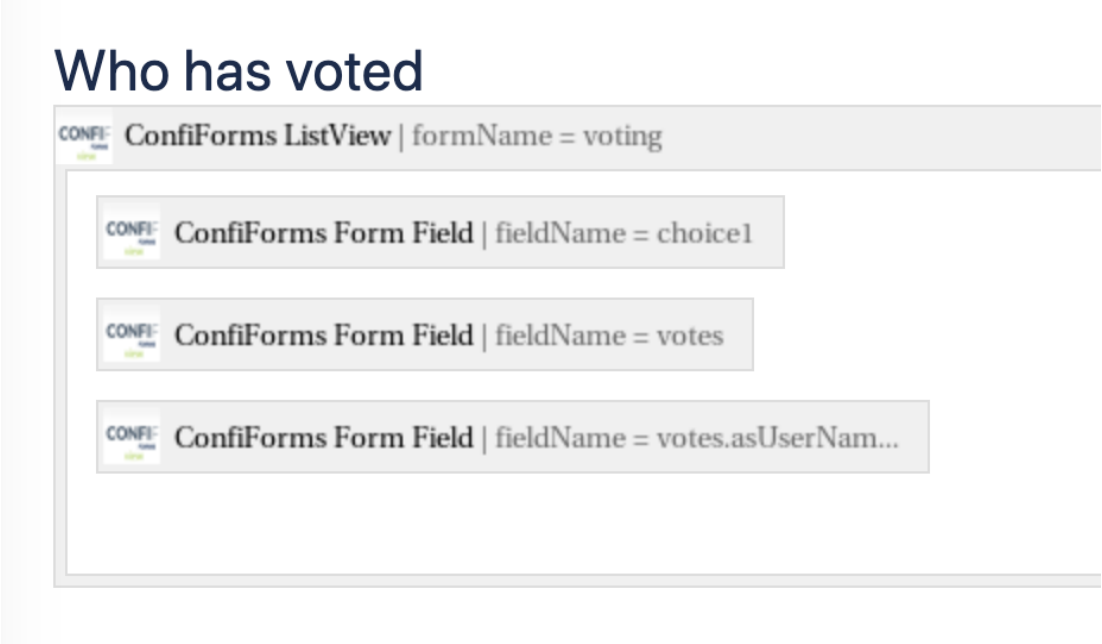
Votes

vote for me

Another option

As the voting field holds users who has voted then we can easily list the users who has voted the way we want

With the help of Virtual functions, and "asUserNames" in particular. So, using "votes.asUserNames" will show the list of usernames who has voted for this particular "choice"



Who has voted

vote for me

sash

Another option

Storage format for the last "ListView"

```
<ac:structured-macro ac:macro-id="b0f059b6-8caa-4846-85ae-30f793032132" ac:name="confiform-list" ac:schema-
version="1">
  <ac:parameter ac:name="formName">voting</ac:parameter>
  <ac:rich-text-body>
    <p>
      <ac:structured-macro ac:macro-id="71b8430e-27de-4fea-a1d0-856cee1a5728" ac:name="confiform-field" ac:
schema-version="1">
        <ac:parameter ac:name="fieldName">choice1</ac:parameter>
      </ac:structured-macro>
    </p>
    <p>
      <ac:structured-macro ac:macro-id="a9069365-764c-4835-acbf-399e91121e55" ac:name="confiform-field" ac:
schema-version="1">
        <ac:parameter ac:name="fieldName">votes</ac:parameter>
      </ac:structured-macro>
    </p>
    <p>
      <strong>
        <ac:structured-macro ac:macro-id="9cb95250-6983-4260-b749-c5c29880aa6c" ac:name="confiform-field" ac:
schema-version="1">
          <ac:parameter ac:name="fieldName">votes.asUserNames</ac:parameter>
        </ac:structured-macro>
      </strong>
    </p>
    <p>
      <strong>
        <br/>
      </strong>
    </p>
  </ac:rich-text-body>
</ac:structured-macro>
```

As with ANY multi-value field (and voting control is the multi-value holding field, and it holds list of users) you can use "transform" function and for example list the emails of the voted users (Virtual functions)

```
votes.transform(email).asList
```

Here we use transform function on "user" fields and get the "email" property of each user field and put it into the CSV list (with asList function)