

# ConfiForms Smart Multi-row - what it offers and how to use it

Smart multi-row is a new addition to ConfiForms field types and "smart fields" family in particular. This field type enables you to create master-details forms much easier than before.

It has been introduced as beta in 2.21.1 - [Release Notes#Version2.21.1](#) and as a GA in version 2.24.7 - [Release Notes#Version2.24.7](#)

As with all the "smart" fields in ConfiForms this field is about linking forms together, but with one important difference - it allows you to ADD new records into the referenced form directly and in "one go"

Here is what we mean

Consider a simple form with 2 fields named "participantsForm"

- Name (text) - required
- Mark (numeric)

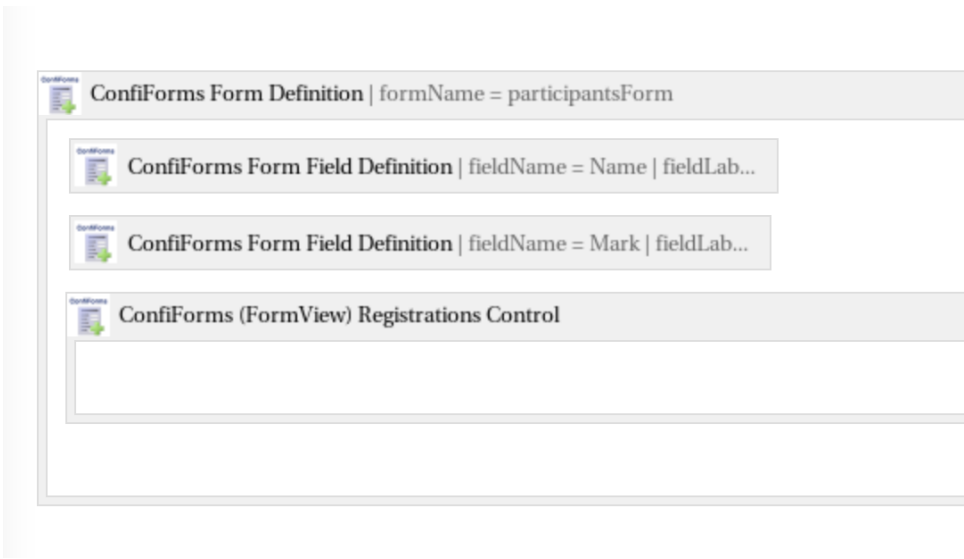
And another form that we want to use as a database to store our tests - "testsForm"

This form will have 3 fields:

- Test name (text) - required
- Test document (file) - required
- Participants (smart multi-row linked to "participantsForm" form)

This will allow us to manage data in "participantsForm" by filling in the form in "testsForm". See below

Configuration of a "participantsForm" form

Confluence editor	Storage format
	<pre>&lt;ac: structured -macro ac: macro-id=" 5a980275- b7c8-4daa- a464- 2772e73126 de" ac: name=" confiform" ac:schema- version=" 1"&gt;   &lt;ac: parameter ac:name=" formName" &gt;participa ntsForm&lt; /ac: parameter&gt;   &lt;ac: rich-text- body&gt;     &lt;p&gt;       &lt;ac: structured -macro ac: macro-id=" 74824740- c126-410e- a294- 67ff7b66af af" ac:</pre>

```
name="
confiform-
field-
definition
" ac:
schema-
version="
1">

<ac:
parameter
ac:name="
fieldName"
>Name</ac:
parameter>

<ac:
parameter
ac:name="
fieldLabel
">Name<
/ ac:
parameter>

<ac:
parameter
ac:name="
type"
>text</ac:
parameter>
<
/ ac:
structured
-macro>
</p>
<p>
<ac:
structured
-macro ac:
macro-id="
abffe50a-
f465-4885-
9620-
838887290f
9b" ac:
name="
confiform-
field-
definition
" ac:
schema-
version="
1">

<ac:
parameter
ac:name="
fieldName"
>Mark</ac:
parameter>

<ac:
parameter
ac:name="
fieldLabel
">Mark<
/ ac:
parameter>

<ac:
parameter
```

	<pre>ac:name=" type" &gt;number&lt; /ac: parameter&gt; &lt; /ac: structured -macro&gt; &lt;/p&gt; &lt;ac: structured -macro ac: macro-id=" bd59ea30- 96e8-4f31- aa95- df2e8567c8 7a" ac: name=" confiform- entry- register" ac:schema- version=" 1"&gt; &lt;ac: rich-text- body&gt;  &lt;p&gt;  &lt;br/&gt; &lt; /p&gt; &lt; /ac:rich- text-body&gt; &lt;/ac: structured -macro&gt; &lt;/ac: rich-text- body&gt; &lt;/ac: structured -macro&gt;</pre>
--	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Configuration of a "testsForm"

Confluence editor	Storage format
	<pre>&lt;ac: structured -macro ac: macro-id=" 7c29b98e- f2f7-4eb4- 9548- 792f0c424e fc" ac: name=" confiform" ac:schema- version="</pre>

ConfifForms Form Definition | formName = testsForm

ConfifForms Form Field Definition | fieldName = testName | fiel...

ConfifForms Form Field Definition | fieldName = testDoc | field...

ConfifForms Form Field Definition | fieldName = participants | ...

ConfifForms (FormView) Registrations Control

```
1">
  <ac:
parameter
ac:name="
formName"
>testsForm
</ac:
parameter>
  <ac:
rich-text-
body>
  <p>
    <ac:
structured
-macro ac:
macro-id="
5bb451e5-
4b48-411b-
bb37-
b01032cb7f
60" ac:
name="
confiform-
field-
definition
" ac:
schema-
version="
1">

    <ac:
parameter
ac:name="
fieldName"
>testName<
/ac:
parameter>

    <ac:
parameter
ac:name="
fieldLabel
">Test
name </ac:
parameter>

    <ac:
parameter
ac:name="
type"
>text</ac:
parameter>

    <ac:
parameter
ac:name="
required"
>true</ac:
parameter>
  <
/ac:
structured
-macro>
    </p>
    <p>
      <ac:
structured
-macro ac:
macro-id="
e035cc8e-
7ba3-490b-
```

```
8aee-  
b54bc061d6  
54" ac:  
name="  
confiorm-  
field-  
definition  
" ac:  
schema-  
version="  
1">  
  
<ac:  
parameter  
ac:name="  
fieldName"  
>testDoc<  
/ac:  
parameter>  
  
<ac:  
parameter  
ac:name="  
fieldLabel  
>Test  
document<  
/ac:  
parameter>  
  
<ac:  
parameter  
ac:name="  
type"  
>file</ac:  
parameter>  
  
<ac:  
parameter  
ac:name="  
required"  
>true</ac:  
parameter>  
  <  
/ac:  
structured  
-macro>  
  </p>  
  <p>  
    <ac:  
structured  
-macro ac:  
macro-id="  
1165010b-  
7d19-4df8-  
8f38-  
096f231b26  
2d" ac:  
name="  
confiorm-  
field-  
definition  
" ac:  
schema-  
version="  
1">  
  
<ac:  
parameter  
ac:name="  
fieldName"  
>participa
```

```
nts</ac:
parameter>

<ac:
parameter
ac:name="
fieldLabel
">Particip
ants</ac:
parameter>

<ac:
parameter
ac:name="
values">
[93390017:
participan
tsForm]
Name,</ac:
parameter>

<ac:
parameter
ac:name="
type"
>smartmult
irow</ac:
parameter>
<
/ac:
structured
-macro>
</p>
<ac:
structured
-macro ac:
macro-id="
3c9f51d5-
1f4a-45f4-
9226-
70ac7dd28c
1d" ac:
name="
confiform-
entry-
register"
ac:schema-
version="
1">
<ac:
rich-text-
body>

<p>

<br/>
<
/p>
<
/ac:rich-
text-body>
</ac:
structured
-macro>
</ac:
rich-text-
body>
</ac:
structured
-macro>
```

## Edit 'ConfiForms Form Field Definit

☐ Required \*

**Field type**

Smart Multi-row

**Page where the ConfiForms Form is defined**

~sash:ConfiForms Smart Multi-row

**Form name**

participantsForm

**Field name(s):**

Name

×

Mark

×

▼

This will built as a form as follows:

---

Test name

\*

Test document

\*

Choose files

No file chosen

Participants

Name

\*

Mark

Remove

+

+

Save

Close

---

Allowing us to add multiple rows for participants

---

Test name

\*

testing

Test document

\*

Choose files

confirms-2.25.1.obr

Participants

Name

\*

Alex

Mark

2

Remove

Name

\*

John

Mark

3

Remove

+

+

Save

Close

---

Which will be stored in the "participantsForm" for us automatically and also conveniently rendered for us through the "testsForm" form



Edit	Test name	Test document	Participants	
<div>...</div>	testing	<a href="#">confiforms-2.25.1.obr</a>	Name	Alex
			Mark	2
			Name	John
			Mark	3

You may use ANY number of fields for your ConfiForms Smart multi-row - and any field type, except another "smart multi-row" field. (In other words - no nesting of "smart multi-row" fields is supported at the moment)