

Another example of TableView Merger usage

LIVE Example of TableView Merger

```
<ac:structured-macro ac:macro-id="a1529b36-ff00-4b50-80f0-da941adec9d1" ac:name="conform" ac:schema-version="1">
  <ac:parameter ac:name="formName">Invoice</ac:parameter>
  <ac:parameter ac:name="registrationFormTitle">Invoices rows</ac:parameter>
  <ac:rich-text-body>
    <p>
      <ac:structured-macro ac:macro-id="7be7e7f2-499c-4086-9cd2-a5954f1dd0c3" ac:name="conform-field-definition" ac:schema-version="1">
        <ac:parameter ac:name="fieldName">type</ac:parameter>
        <ac:parameter ac:name="fieldLabel">Type</ac:parameter>
        <ac:parameter ac:name="values">>false[1=Consulting|2=Repair|3=Transport|]</ac:parameter>
        <ac:parameter ac:name="extras">label;false</ac:parameter>
        <ac:parameter ac:name="type">select</ac:parameter>
        <ac:parameter ac:name="required">>true</ac:parameter>
      </ac:structured-macro>
    </p>
    <p>
      <ac:structured-macro ac:macro-id="1d9a2690-2e83-4764-9ea7-70094cad3b0" ac:name="conform-field-definition" ac:schema-version="1">
        <ac:parameter ac:name="fieldName">description</ac:parameter>
        <ac:parameter ac:name="fieldLabel">Description</ac:parameter>
        <ac:parameter ac:name="type">textarea</ac:parameter>
      </ac:structured-macro>
    </p>
    <p>
      <ac:structured-macro ac:macro-id="7755a69a-3d17-4fcc-a68d-4d13eda5217d" ac:name="conform-field-definition" ac:schema-version="1">
        <ac:parameter ac:name="fieldName">price</ac:parameter>
        <ac:parameter ac:name="fieldLabel">Price</ac:parameter>
        <ac:parameter ac:name="fieldDescription">in eur</ac:parameter>
        <ac:parameter ac:name="type">number</ac:parameter>
        <ac:parameter ac:name="required">>true</ac:parameter>
      </ac:structured-macro>
    </p>
    <p>
      <ac:structured-macro ac:macro-id="37f431bc-9cfc-4975-9429-6ee3de67ea40" ac:name="conform-field-definition" ac:schema-version="1">
        <ac:parameter ac:name="fieldName">count</ac:parameter>
        <ac:parameter ac:name="fieldLabel">Count</ac:parameter>
        <ac:parameter ac:name="fieldDescription">pcs</ac:parameter>
        <ac:parameter ac:name="type">number</ac:parameter>
        <ac:parameter ac:name="required">>true</ac:parameter>
      </ac:structured-macro>
    </p>
    <p> <ac:structured-macro ac:macro-id="d23698df-27c3-4502-9e67-b6b74d63520d" ac:name="conform-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>
</ac:structured-macro>
<p> </p>
<p>ALL stored data</p>
<ac:structured-macro ac:macro-id="80220cd8-0cdd-4527-a1a8-7d41d02657a4" ac:name="conform-table" ac:schema-version="1">
  <ac:parameter ac:name="formName">Invoice</ac:parameter>
  <ac:rich-text-body>
    <p> <ac:structured-macro ac:macro-id="25a2f91b-901f-4f3f-8364-906324291afa" ac:name="conform-field" ac:
schema-version="1">
      <ac:parameter ac:name="fieldName">type</ac:parameter>
    </ac:structured-macro>
    </p>
  </p>
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        <ac:structured-macro ac:macro-id="ffe9390f-d35e-48c7-ada0-27d1566b142f" ac:name="confiform-field" ac:
schema-version="1">
        <ac:parameter ac:name="fieldName">description</ac:parameter>
        </ac:structured-macro>
    </p>
    <p>
        <ac:structured-macro ac:macro-id="c34c0a39-93d5-409a-89ea-b360f2023ce5" ac:name="confiform-field" ac:
schema-version="1">
        <ac:parameter ac:name="fieldName">price</ac:parameter>
        </ac:structured-macro>
    </p>
    <p>
        <ac:structured-macro ac:macro-id="414c44a6-1208-4368-b007-0b7f44a6af08" ac:name="confiform-field" ac:
schema-version="1">
        <ac:parameter ac:name="fieldName">count</ac:parameter>
        </ac:structured-macro>
    </p>
</ac:rich-text-body>
</ac:structured-macro>
<p> </p>
<p> </p>
<p>Totals per type</p>
<ac:structured-macro ac:macro-id="30654675-fc29-4a5f-b82e-82682150fd02" ac:name="confiform-table-merger" ac:
schema-version="1">
    <ac:rich-text-body>
        <p> <ac:structured-macro ac:macro-id="3b540c9e-5243-4a37-8fc8-03858983fe8b" ac:name="confiform-field" ac:
schema-version="1">
            <ac:parameter ac:name="fieldName">type</ac:parameter>
            </ac:structured-macro>
        </p>
        <p>
            <ac:structured-macro ac:macro-id="39c9fcd4-b4ea-4174-91f0-b44778108573" ac:name="confiform-field" ac:
schema-version="1">
                <ac:parameter ac:name="fieldName">Total:([entry.count]*[entry.price])</ac:parameter>
                </ac:structured-macro>
            </p>
            <ac:structured-macro ac:macro-id="12fa94ed-24aa-484a-8ff8-7b123dac31fa" ac:name="confiform-table" ac:schema-
version="1">
                <ac:parameter ac:name="formName">Invoice</ac:parameter>
                <ac:rich-text-body> </ac:rich-text-body>
            </ac:structured-macro>
        </ac:rich-text-body>
    </ac:structured-macro>
<p> </p>
<p>Record ID is used as a grouping key, together with a type and therefore rows are showed separately</p>
<ac:structured-macro ac:macro-id="e5bdffe1-2841-4885-be2a-dadc408eaf28" ac:name="confiform-table-merger" ac:
schema-version="1">
    <ac:rich-text-body>
        <p>
            <ac:structured-macro ac:macro-id="d01c437d-d68a-4141-9b68-4595e616d2cb" ac:name="confiform-field" ac:
schema-version="1">
                <ac:parameter ac:name="fieldName">id</ac:parameter>
                </ac:structured-macro>
            </p>
            <p>
                <ac:structured-macro ac:macro-id="5903bb6e-b217-46f4-be77-3a435637f7b7" ac:name="confiform-field" ac:
schema-version="1">
                    <ac:parameter ac:name="fieldName">type</ac:parameter>
                    </ac:structured-macro>
                </p>
                <p>
                    <ac:structured-macro ac:macro-id="a62605e1-9a0e-414a-b65f-8614810d5c31" ac:name="confiform-field" ac:
schema-version="1">
                        <ac:parameter ac:name="fieldName">Total:([entry.count]*[entry.price])</ac:parameter>
                        </ac:structured-macro>
                    </p>
                    <ac:structured-macro ac:macro-id="630cd566-0723-493b-8042-7ba52280b149" ac:name="confiform-table" ac:schema-
version="1">
                        <ac:parameter ac:name="formName">Invoice</ac:parameter>
                        <ac:rich-text-body> </ac:rich-text-body>
                    </ac:structured-macro>
                </ac:rich-text-body>
            </p>
        </ac:rich-text-body>
    </ac:structured-macro>

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</ac:structured-macro>
<p> </p>
<p>Same, as above, but description field used as a grouping key, together with a type and therefore rows are
showed separately. </p>
<ac:structured-macro ac:macro-id="17df3203-dc06-4567-91b7-8bcf2624fc77" ac:name="warning" ac:schema-version="1">
  <ac:rich-text-body>
    <p>Important to note is that IF there are rows with SAME type and description they will be MERGED! See
below</p>
  </ac:rich-text-body>
</ac:structured-macro>
<ac:structured-macro ac:macro-id="4be247d7-4b37-40c7-9c6c-2d3f1aa032fe" ac:name="confiorm-table-merger" ac:
schema-version="1">
  <ac:rich-text-body>
    <p>
      <ac:structured-macro ac:macro-id="9d9541ed-751e-4363-8740-1ef8b82a3e73" ac:name="confiorm-field" ac:
schema-version="1">
        <ac:parameter ac:name="fieldName">type</ac:parameter>
      </ac:structured-macro>
    </p>
    <p>
      <ac:structured-macro ac:macro-id="5eb340e8-d8b6-4d1b-ac55-cff058f05f65" ac:name="confiorm-field" ac:
schema-version="1">
        <ac:parameter ac:name="fieldName">description</ac:parameter>
      </ac:structured-macro>
    </p>
    <p>
      <ac:structured-macro ac:macro-id="911211ff-91ca-48bf-9bd1-2b431b46c682" ac:name="confiorm-field" ac:
schema-version="1">
        <ac:parameter ac:name="fieldName">Total per row:([entry.count]*[entry.price])</ac:parameter>
      </ac:structured-macro>
    </p>
    <ac:structured-macro ac:macro-id="7f15fa9a-821c-43a0-bc3e-f80d1d7a2fbb" ac:name="confiorm-table" ac:schema-
version="1">
      <ac:parameter ac:name="formName">Invoice</ac:parameter>
      <ac:rich-text-body> </ac:rich-text-body>
    </ac:structured-macro>
  </ac:rich-text-body>
</ac:structured-macro>
<p> </p>
<p>Chart showing invoice items grouped by TYPE and with their totals</p>
<ac:structured-macro ac:macro-id="ecb4d365-e591-46fd-92d2-9f742230f649" ac:name="chart" ac:schema-version="1">
  <ac:parameter ac:name="3D">true</ac:parameter>
  <ac:parameter ac:name="orientation">vertical</ac:parameter>
  <ac:parameter ac:name="showShapes">false</ac:parameter>
  <ac:parameter ac:name="width">950</ac:parameter>
  <ac:parameter ac:name="rangeAxisLowerBound">1</ac:parameter>
  <ac:parameter ac:name="dataOrientation">vertical</ac:parameter>
  <ac:parameter ac:name="title">Invoice data</ac:parameter>
  <ac:rich-text-body>
    <ac:structured-macro ac:macro-id="c65cc40c-3d2f-4331-b759-938946fce84c" ac:name="confiorm-table-merger" ac:
schema-version="1">
      <ac:rich-text-body>
        <p>
          <ac:structured-macro ac:macro-id="cfbe3c84-9751-4664-8723-2c32ba1ca7b6" ac:name="confiorm-field" ac:
schema-version="1">
            <ac:parameter ac:name="fieldName">type</ac:parameter>
          </ac:structured-macro>
        </p>
        <p>
          <ac:structured-macro ac:macro-id="18d3904f-c0df-4af2-9fc8-8ee2b9c0d02b" ac:name="confiorm-field" ac:
schema-version="1">
            <ac:parameter ac:name="fieldName">Total:([entry.count]*[entry.price])</ac:parameter>
          </ac:structured-macro>
        </p>
        <ac:structured-macro ac:macro-id="a06e57da-b3fe-435a-9dc8-aa002b000f67" ac:name="confiorm-table" ac:
schema-version="1">
          <ac:parameter ac:name="formName">Invoice</ac:parameter>
          <ac:rich-text-body> </ac:rich-text-body>
        </ac:structured-macro>
      </ac:rich-text-body>
    </ac:structured-macro>
  </ac:rich-text-body>
</ac:structured-macro>

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

```
graph TD
    Root["CONF: ConfForms Form | formName = Invoice | registrationFormTitle = Invoices rows"]
    Root --- C1["CONF: ConfForms Field Definition | fieldName = type | fieldLab..."]
    Root --- C2["CONF: ConfForms Field Definition | fieldName = description | f..."]
    Root --- C3["CONF: ConfForms Field Definition | fieldName = price | fieldLa..."]
    Root --- C4["CONF: ConfForms Field Definition | fieldName = count | fieldLa..."]
    Root --- C5["CONF: ConfForms Registration Control"]
    C5 --- C6["CONF: ConfForms Field Definition | fieldName = type | fieldLab..."]
    C5 --- C7["CONF: ConfForms Field Definition | fieldName = description | f..."]
    C5 --- C8["CONF: ConfForms Field Definition | fieldName = price | fieldLa..."]
    C5 --- C9["CONF: ConfForms Field Definition | fieldName = count | fieldLa..."]
    C5 --- C10["CONF: ConfForms Field Definition | fieldName = type | fieldLab..."]
    C5 --- C11["CONF: ConfForms Field Definition | fieldName = description | f..."]
    C5 --- C12["CONF: ConfForms Field Definition | fieldName = price | fieldLa..."]
    C5 --- C13["CONF: ConfForms Field Definition | fieldName = count | fieldLa..."]
```

The diagram illustrates the structure of the 'ConfForms Form'. It is a tree-like hierarchy where each node represents a component. The root node is 'CONF: ConfForms Form | formName = Invoice | registrationFormTitle = Invoices rows'. It contains four 'CONF: ConfForms Field Definition' nodes (for type, description, price, and count) and one 'CONF: ConfForms Registration Control' node. The 'Registration Control' node further contains four 'CONF: ConfForms Field Definition' nodes (for type, description, price, and count).

- type - dropdown field
- description - text are field to store invoice item details
- price - numeric field to store numeric data for item price
- count - numeric field to store number of items per that price

ALL stored data

Type	Description	Price	Count
Consulting	some consulting work	100	4
Transport	delivery	23	2
Transport	another delivery	35	1
Transport	delivery	23	1
Consulting	interview	100	2

To get Totals per type

We have 2 fields in TableView Merger, type and Total which is described as expression

Total:([entry.count]*[entry.price])

Type	Total
Consulting	600
Transport	104

Record ID is used as a grouping key, together with a type and therefore rows are showed separately

We have 3 fields in TableView Merger, id, type and Total which is described with the same expression

Total:([entry.count]*[entry.price])

Id	Type	Total
7720ce38-adb6-4466-8f6d-27878f4c6ff2	Consulting	400
50571577-0cc2-42ca-9193-9fe7e0cecd30	Transport	46
9fd98121-cecd-46ee-89d6-9deb316bc0a4	Transport	35
9cbbc2fe-f301-4055-8368-3a89fc32828c	Transport	23
834657f8-4424-4dbd-8ef8-654cb499687d	Consulting	200

Same, as above, but description field used as a grouping key, together with a type and therefore rows are showed separately.

We have 3 fields in TableView Merger, type, description and Total which is described as expression

Total:([entry.count]*[entry.price])

!

 Important to note is that IF there are rows with SAME type and description they will be MERGED! See below

Type	Description	Total per row
Consulting	some consulting work	400
Transport	delivery	69
Transport	another delivery	35
Consulting	interview	200

Chart showing invoice items grouped by TYPE and with their totals (Chart macro uses the same table as you can see in 1st example, where we group by type field and calculate totals per row)

Invoice data

