

# How to render a table with ConfiForms DataView to use it as a source for chart macro

Compatibility between 3rd party macros on Confluence cloud is a challenge in itself

ConfiForms attempts to provide a flexible way to help you with preparing form's data for other macros in the format and shape they need and expect

For this purposes ConfiForms cloud app has a macro called ConfiForms DataView

Here is how this can be used to create an HTML table that can be used as a source for Chart macros - built-in and TableFilter and charts plugin

Add the macro to your page and set it up as follows (we just show the record ID and some columns about creator and date when the record has been created, transforming values as we need them to be)

### Edit 'ConfiForms DataView' Macro

[Help](#)

Use this macro to render the contents of the ConfiForms form as a static data snapshot

ConfiForms Form Name \*

To be used as dataset for this view

Page name where the form is defined

Leave blank if the form is defined on the same page

Filter to apply on entries dataset

Apply distinct filter to return only unique records

Field names as comma separated list to be

#### Content

Insert text

```
#if(!${headerRendered})
<tr>
<th>ID</th>
<th>Created by</th>
<th>Created when</th>
</tr>
#set($headerRendered = true)
#end

<tr>
<td>[entry.id]</td>

<td>[entry.createdBy.fullName]</td>

<td>[entry.created.formatDate()]</td>
</tr>
```

[Select macro](#) [Save](#) [Cancel](#)

With a "Content" template as follows

```
#if(!${headerRendered})
<tr>
<th>ID</th>
<th>Created by</th>
<th>Created when</th>
</tr>
#set($headerRendered = true)
#end

<tr>
<td>[entry.id]</td>
<td>[entry.createdBy.fullName]</td>
<td>[entry.created.formatDate() ]</td>
</tr>
```

to render the contents of a table in HTML format

Setting the following parameters on the macro to be like below, ensuring the contents gets evaluated as a Velocity template

## ✓ Evaluate as Velocity Template

You can have the contents of this macro to be evaluated as Velocity template.  
Not all the Velocity instructions around classes instantiation are supported due to security reasons

And setting the output to render as a table (in table tags)

## How the contents shall be rendered

Table



This will render an HTML table as below which can be used as a source for other macros that could work on HTML tables

ID	Created by	Created when
ecc8076d-1ead-4992-803c-3f399e03b936	John Smith	Apr 15, 2021 04:28
c3c9d717-c07d-4122-8a8e-f3d41346bc4f	Leslie Jones	Apr 15, 2021 18:38



Why a "normal" ConfiForms TableView cannot be used in cloud to do the same (as it can be used on server/data center version)? The answer is simple (and complex at the same time) - all non static macros are rendered in a separate iframes and render not so clean source for other plugins to work with.