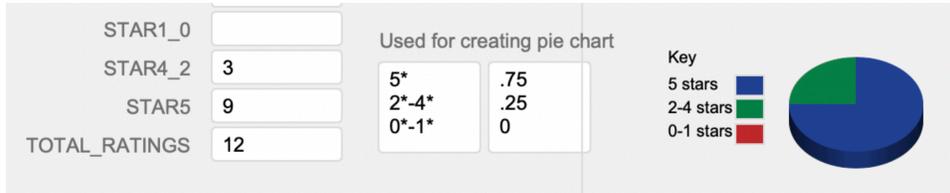


# Adding Pie Charts to Filemaker Layouts

By Michael Paine, January 2020

These notes document a simple way to generate and display pie charts in Filemaker 15 layouts and reports, using several numerical fields on that layout. This is a handy alternative to using related records to produce the pie charts.

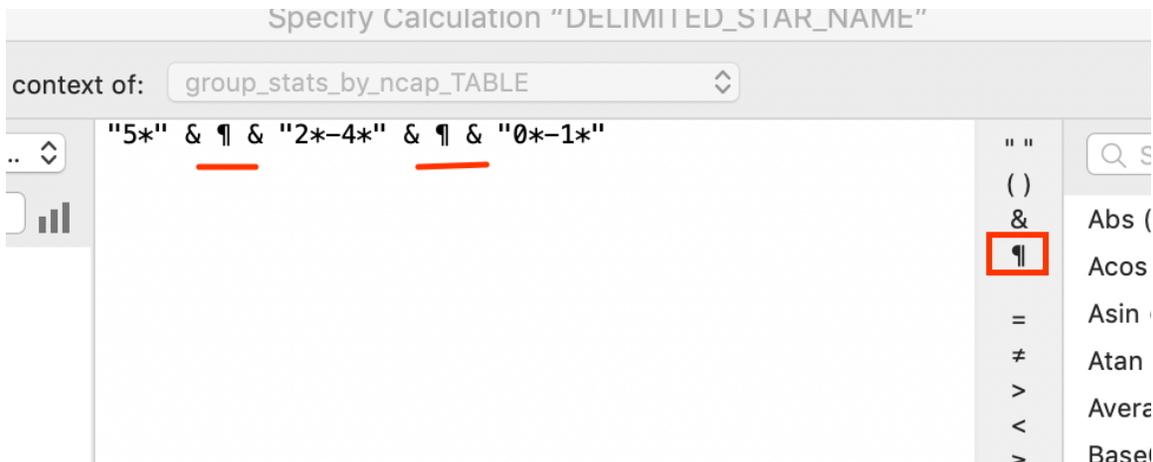
Here is an example of the use of this method:



Here is the table design showing the calculated fields. The field DELIMITED\_STAR\_PC is calculated from three fields in the layout. These three values will be used to generate the pie chart.

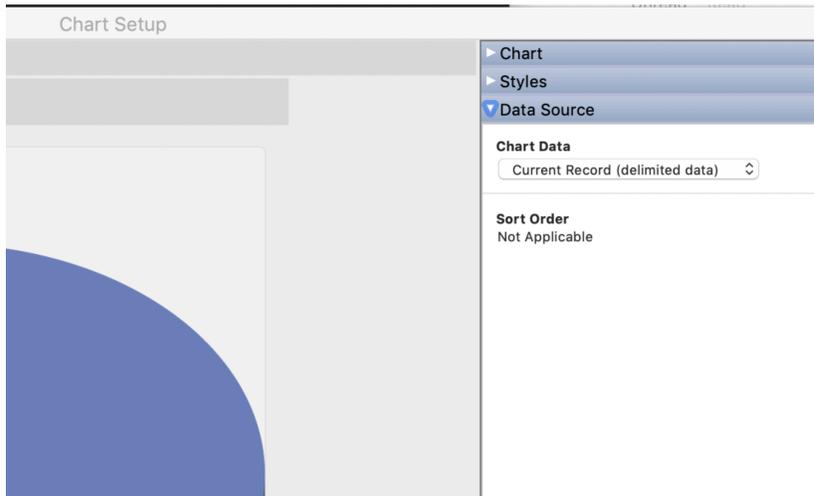
Field Name	Type	Options / Comments (Click to toggle)
DELIMITED_STAR_NAME	Calculation	= "5*" & ¶ & "2*-4*" & ¶ & "0*-1*"
DELIMITED_STAR_PC	Calculation	= If(PC5>0;PC5;0) & ¶ & If(PC4_2>0;PC4_2;0) & ¶ & If(PC0_1>0;PC0_1;0)
GROUP	Text	Indexed
GROUP_NCAP	Text	Indexed
NCAP	Text	
PC0_1	Calculation	= If(TOTAL_RATINGS>0;STAR1_0/TOTAL_RATINGS)
PC4_2	Calculation	= If(TOTAL_RATINGS>0;STAR4_2/TOTAL_RATINGS)
PC5	Calculation	= If(TOTAL_RATINGS>0;STAR5/TOTAL_RATINGS)
STAR1_0	Number	
STAR4_2	Number	
STAR5	Number	
TOTAL_RATINGS	Number	

The important element is the inclusion of the return character, which can be dragged from the list on the right of the Calculation window:

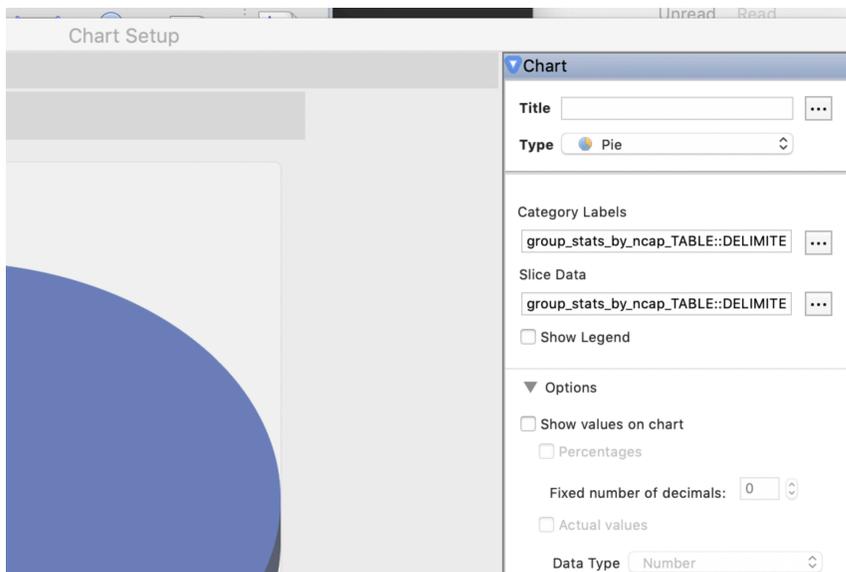


This places a line feed in the field which, in this case, can be displayed as 3 rows on the layout as in the above example (display in the layout is optional).

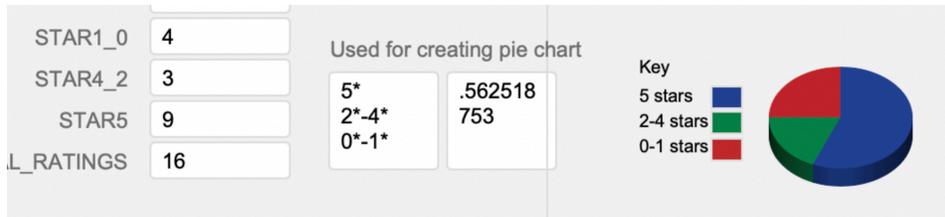
With the layout in editing mode select INSERT/CHART from the menu and the Chart Setup window is displayed. For "Data Source" select "Current Record (delimited data)". This only works for a field that has values delimited by the return character.



For "Chart" select Pie as the type. You can then select the delimited fields for Category Labels and Slice Data:



Now when you save the Layout the pie chart should appear and it will dynamically change when the source fields in the layout change, as shown below.



That's it!

[http://users.tpg.com.au/users/aoaug/mac\\_osx.html#filemaker](http://users.tpg.com.au/users/aoaug/mac_osx.html#filemaker)