

QGIS Application - Feature request #16804

EXP DIALOG AND (RANDOM) COLOUR_RGB

2017-07-07 12:08 AM - f ffiern

Status:	Rejected	
Priority:	Normal	
Assignee:		
Category:	Expressions	
Pull Request or Patch supplied:	No	Resolution: invalid
Easy fix?:	No	Copied to github as #: 24703
Description		
<p>Hi,</p> <p>after loading a vector data, polygon, I would to display a thematic map using: VECTOR LAYER - PROPERTIES - STYLE - CATEGORIZED - EXPRESSION DIALOG with this code:</p> <pre>CASE WHEN "layer" ='value_1' THEN color_rgb(0,0,0) WHEN "layer" ='value_2' THEN color_rgb(110,110,110) WHEN "layer" ='value_3' THEN color_rgb(255,255,255) END</pre> <p>When I apply the request, QGIs show "wrong" RGB code (the same happens using color_cmyk). What goes wrong? May you help, please?</p> <p>Thanks</p> <p>Ciao, f.fiermonte</p>		

History

#1 - 2017-07-07 01:16 AM - Nyal Dawson

- Resolution set to invalid
- Status changed from Open to Rejected

That's not correct use of categorised renderer.

Categorize on the attribute "layer" and then set the color manually for each generated symbol.

Or alternatively (more complex way) use the single symbol renderer and then use your expression as a data defined fill color override.

Please open a question on <http://gis.stackexchange.com/> if you need further assistance of this nature (it's not a bug or feature report, so doesn't belong here).

#2 - 2017-07-07 09:53 AM - f ffiern

First of all, thank You for the answer. If I follow your tips and I use the "single simbol" option the code I wrote works fine.

But, this is the problem, your "workaround" leave me surprised. My goal is to make a "categorized map" (and not a "single symbol" rendering). The "correct place" in which to put this function, maybe, is under "categorized" option (in my opinion it is a "logical problem").

Thanks.
Ciao,
francesco fiermonte

#3 - 2017-07-07 01:56 PM - Giovanni Manghi

f fferm wrote:

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But, this is the problem, your "workaround" leave me surprised. My goal is to make a "categorized map" (and not a "single symbol" rendering). The "correct place" in which to put this function, maybe, is under "categorized" option (in my opinion it is a "logical problem").

Thanks.

it is not a workaround, it is how it supposed to work in qgis.

#4 - 2017-07-07 02:39 PM - Regis Haubourg

f fferm wrote:

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But, this is the problem, your "workaround" leave me surprised. My goal is to make a "categorized map" (and not a "single symbol" rendering). The "correct place" in which to put this function, maybe, is under "categorized" option (in my opinion it is a "logical problem").

Thanks.

Ciao,

francesco fiermonte

Just to clarify things. Doing a category analysis must be simple for user. Using the category renderer and pointing the field to use is straightforward. It initialize classes with pseudo random colors, and the a user can change it by hand.

Using CASE WHEN syntax is pretty advanced already, but you can do it if you want using data defined widgets available everywhere. I know no GIS tool asking you to type a CASE WHEN expression for a simple categorized map in first intention, but I know no other GIS tool than QGIS that allows you to do it if you really want to.

#5 - 2017-07-10 12:13 PM - f fferm

Dear Giovanni and Dear Regis,

first of all, excuse me for my trembling english and thank you for the answer.

@Giovanni: Maybe, in this case, QGIS seems to be "too much" free: in my opinion, a function that performs a "categorized output" should not be found onto a "single symbol" menu. It is a simple logical issue. If I'm wrong, can you help me describe it better in order to share your knowledge with our students? Thank you.

@Regis: I agree with you: a category analysis must be simple for the user. But, if a function exists, this tool must be properly placed and never cannot give wrong results... If this is not a good way to go, the function should be "removed". If a student ask me: "what is the meaning of the function...?" I should search the correct way to answer and not speech about philosophy...

Thank to all for the cooperation.
Francesco.