

QGIS Application - Bug report #16996
regression: symbol levels broken (each category/rule repeated twice, settings not saved)

2017-08-10 06:56 AM - Mathieu Pellerin - nIRV

Status:	Closed	
Priority:	High	
Assignee:		
Category:	Symbology	
Affected QGIS version:	master	Regression?: Yes
Operating System:		Easy fix?: No
Pull Request or Patch supplied:	No	Resolution:
Crashes QGIS or corrupts data:	No	Copied to github as #: 24895
Description Under QGIS master, the whole symbol levels feature appears to be broken. When you open the symbol levels dialog, each category/rule is repeated twice, and the ordering for each layer forgotten upon leaving the dialog. See the attached screenshot showing the repeated category/rule issue. Steps to reproduce <ol style="list-style-type: none">1. Create a new project and add a vector layer2. Set the symbology to rule-based, and create two rules3. Open the symbols level dialog, notice how each rule is repeated twice4. Set non-zero values to a rule's layer(s), and press [OK]5. Re-open the symbol levels dialog, notice the non-zero values are gone		

Associated revisions

Revision 5e7dadd5 - 2017-09-13 06:17 AM - Mathieu Pellerin - nIRV

[symbology] resurrect symbol levels dialog (fixes #16996)

History

#1 - 2017-09-12 06:12 AM - Mathieu Pellerin - nIRV

OK, I figured out the problem here.

When the symbol levels dialog was implemented, it worked with pointers to symbol layers, which it used to set the rendering pass level (see commit:45caf4f6bc5acde5ac559b491ebfcea89ef58470).

At some point in time (which I can't exactly find due to the symbology-ng -> symbology directory renaming), the code was updated to pass on a QgsLegendSymbolList, iterating through QgsLegendSymbolItem to retrieve symbol pointers. That's problematic as QgsLegendSymbolItem's symbol pointer is cloned (see <https://github.com/qgis/QGIS/blob/master/src/core/symbology/qgslegendsymbolitem.cpp#L30>), therefore the symbol level dialog ends up setting the rendering pass level to a cloned symbol.

Martin, the ball is in your court ;)

#2 - 2017-09-13 07:37 AM - Mathieu Pellerin - nIRV

- % Done changed from 0 to 100
- Status changed from Open to Closed

Applied in changeset commit:qgis|5e7dadd575cac089344db9e7abe78275a98227da.

Files

Screenshot from 2017-08-10 11-46-44.png	139 KB	2017-08-10	Mathieu Pellerin - nIRV
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