

QGIS Application - Bug report #9365

QGIS save as SLD style for graduated styled layer different from what it's shown in QGIS

2014-01-17 03:22 AM - stefano nardone

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Symbology	
Affected QGIS version:	2.0.1	Regression?: No
Operating System:	Linux	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution: fixed/implemented
Crashes QGIS or corrupts data:	No	Copied to github as #: 17965
Description		
I've found that when applying a graduated style to a layer in QGIS, if I save the style as SLD to use it in my Geoserver, then the SLD rendered layer looks different. So I've made a small example: !IMAGE 1! The layer contains 4 elements, with a feature value that is 1,2,3,4 for each. - First color style class represents values from 1 (included) to 2 (included) - 2nd style class represents values > 2 and <= 3 (right?) - 3rd style class represents values > 3 and <= 4 but the Geoserver WMS rendered result with the same QGIS style saved as SLD is: !IMAGE 2! where the polygon with feature value = 1 is missing. In fact the exported SLD contains instruction to style values > 1 and <= 2 for the first style class: <pre><se:Rule> <se:Name>1.0000 - 2.0000</se:Name> <se:Description> <se:Title>1.0000 - 2.0000</se:Title> </se:Description> <ogc:Filter> <ogc:And> <ogc:PropertyIsGreaterThan> <ogc:PropertyName>somedata</ogc:PropertyName> <ogc:Literal>1</ogc:Literal> </ogc:PropertyIsGreaterThan> <ogc:PropertyIsLessThanOrEqualTo> <ogc:PropertyName>somedata</ogc:PropertyName> <ogc:Literal>2</ogc:Literal> </ogc:PropertyIsLessThanOrEqualTo> </ogc:And> </ogc:Filter> <se:PolygonSymbolizer> <se:Fill> <se:SvgParameter name="fill">#edf8fb</se:SvgParameter> </se:Fill> <se:Stroke> <se:SvgParameter name="stroke">#000000</se:SvgParameter> <se:SvgParameter name="stroke-width">0.26</se:SvgParameter> </se:Stroke> </se:PolygonSymbolizer> </se:Rule></pre>		

</se:Stroke>
</se:PolygonSymbolizer>
</se:Rule>

and this can be a problem, as I need to hand modify all the SLD I'm producing with QGIS now. Also, the label shown in QGIS is not exported in the SLD as you can see the style do not render any layer label.

QGIS in use is 2.01 on Linux.

Is there a way to solve this?

History

#1 - 2014-01-17 03:26 AM - stefano nardone

- File IMAGE_2.png added

Please consider this pic as IMAGE 2 - Geoserver Output Saved SLD

#2 - 2015-08-05 05:13 AM - Simon Oberhammer

I have the same problem when exporting graduated styles to SLD. This issue boils down to this:

The first condition of a filter rule "fooproperty >= 0.000000 AND fooproperty <= 0.570000" is wrongly exported as "ogc:PropertyIsGreaterThan" instead of the correct "ogc:PropertyIsGreaterThanOrEqualTo".

#3 - 2017-05-01 01:08 AM - Giovanni Manghi

- Easy fix? set to No
- Regression? set to No

#4 - 2017-10-14 11:35 AM - Andrea Aime

- Status changed from Open to Closed
- Description updated
- Resolution set to fixed/implemented

This has been fixed by Nyall over a year ago: commit:5c270eb0aaaaf03c24e7d2379c89ebee7b895

in reference to #15212

Files

IMAGE_1.png	91.6 KB	2014-01-17	stefano nardone
IMAGE_2.png	91.6 KB	2014-01-17	stefano nardone
IMAGE_2.png	18.4 KB	2014-01-17	stefano nardone