

QGIS Application - Bug report #16707

SLD export of "hairline" lines results in a different visual thickness

2017-06-12 07:42 PM - Andrea Aime

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Symbology	
Affected QGIS version:	master	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:		Resolution: fixed/implemented
Crashes QGIS or corrupts data:		Copied to github as #: 24606
Description		
<p>Exporting a layer using a "hairline" line width results in a LineSymbolizer with no stroke-width property.</p> <p>That in turns kicks the SLD default of 1 pixel thickness, which is visually thicker than the one used by QGIS.</p> <p>By trial and error it seems the proper value would be 0.5 pixels instead.</p>		

History

#1 - 2017-06-26 06:57 PM - Guilherme Leao

Andrea Aime wrote:

Exporting a layer using a "hairline" line width results in a LineSymbolizer with no stroke-width property.

That in turns kicks the SLD default of 1 pixel thickness, which is visually thicker than the one used by QGIS.

By trial and error it seems the proper value would be 0.5 pixels instead.

I have the same problem, in my case it is also changing the line color to Black.

#2 - 2017-08-16 10:03 PM - Eric Xanderson

This problem seems to affect PDF production also. Hairline (according to Inkscape pdf conversion) creates this style:

...

fill:none;stroke:#808080;stroke-opacity:1;stroke-width:1;stroke-linecap:butt;stroke-linejoin:miter;stroke-miterlimit:10;stroke-dasharray:none

...

When these PDFs are printed, the lines are very ugly, if not absent. When I set the width manually on the style, the issue goes away on outlines.

However, Fill Styles (BDiagonal was tested) doesn't appear modifiable, and presents a problem, making it useless for printable things.

#3 - 2017-10-14 11:28 AM - Andrea Aime

- Resolution set to fixed/implemented
- Affected QGIS version changed from 2.18.9 to master
- Status changed from Open to Closed

Fixed in QGIS 3.0 for the original ticket report (SLD).

As for PDF, I would suggest to open a separate ticket.

