

QGIS Application - Bug report #14960

effect: anti-aliasing seemingly broken when layer-wide effects enabled

2016-06-05 07:07 PM - Mathieu Pellerin - nIRV

Status:	Closed	
Priority:	High	
Assignee:	Nyall Dawson	
Category:	Symbology	
Affected QGIS version:	master	Regression?: No
Operating System:	Ubuntu 14.04 LTS	Easy fix?: No
Pull Request or Patch supplied:		Resolution:
Crashes QGIS or corrupts data:		Copied to github as #: 22909
Description		
<p>I've just noticed a serious (if one cares about quality of exported composers ;)) issue with effects. Under a specific symbology composition scenario, enabling layer-wide effects results in pixelated border. If I had to guess what's happening here, it looks like the transparency is dropped, affecting rendering of anti-aliased edge.</p> <p>The effect_vs_noeffect.png screenshot probably does a better job at demonstrating the issue than my introductory paragraph above.</p> <p>A test project is also attached to reproduce this issue.</p>		

Associated revisions

Revision 179a92cd - 2016-06-07 02:08 AM - Nyall Dawson

[effect] fix issue with svg marker and antialiasing (fixes #14960)

Credit for original patch to @nirvn

Revision 0a93bdd3 - 2016-07-01 12:26 AM - Nyall Dawson

[effect] fix issue with svg marker and antialiasing (fixes #14960)

Credit for original patch to @nirvn

(cherry-picked from 179a92cd65a70a411c8085875ab3e20bf5fa5d46)

History

#1 - 2016-06-06 12:56 AM - Mathieu Pellerin - nIRV

Just tested: the problematic rendering equals rendering of marker without anti-aliasing (i.e. if you go in QGIS' preference window and switch anti-aliasing off).

Issue also affects filled markers, and ellipse markers.

#2 - 2016-06-06 02:36 AM - Mathieu Pellerin - nIRV

Few more observations:

- The issue is actually triggered by the use of an SVG marker layer; if I have an svg marker layer added, the absence of antialiasing will appear after the

first feature is rendered.

- Scarily enough, it affects everything, including polygons (if you end up using centroid fill with an svg marker), lines (if you use an svg marker on vertexes), etc.

#3 - 2016-06-06 05:08 PM - Nyal Dawson
- Status changed from Open to Closed

Fixed in changeset commit:"179a92cd65a70a411c8085875ab3e20bf5fa5d46".

Files			
effect_vs_noeffect.png	30.3 KB	2016-06-05	Mathieu Pellerin - nIRV
effect_issue.zip	6.33 KB	2016-06-05	Mathieu Pellerin - nIRV