

QGIS Application - Bug report #10605

offset < 0 for simple outline line symbology for polygon creates rounded corners

2014-06-17 12:09 AM - Mathieu Pellerin - nIRV

Status:	Closed	
Priority:	High	
Assignee:	Martin Dobias	
Category:	Symbology	
Affected QGIS version:	master	Regression?: No
Operating System:	unspecified	Easy fix?: No
Pull Request or Patch supplied:		Resolution:
Crashes QGIS or corrupts data:		Copied to github as #: 19009
Description		
<p>During the development of upcoming QGIS 2.4, offset for a polygon layer's simple outline line symbology was improved and now relies on a GEOS buffer operation. While it's an overall improvement, it has a create a huge change in rendering:</p> <ul style="list-style-type: none">- Under QGIS 2.2, a negative offset value will keep the offset'ed line's original angles (see QGIS_22-straight_angles.png)- Under QGIS 2.4, a negative offset value will created rounded angles (see QGIS_24-rounded_angles.png) <p>While the rounded angle is expected when outputting a buffer, I don't think the user expects that behavior when offsetting a polygon outline. I have mixed feelings as to what should be the appropriate behavior, but after giving it some thoughts, I think the QGIS 2.2 drawing is the right. The 2.2 drawing of polygon's simple outline line with negative offset value also behaves the same as if your offsetting a line layer, which IMO is important.</p> <p>In addition to the above, any project relying on this styling prior to 2.4 will obviously render very differently too, which should be considered.</p> <p>Crossing fingers GEOS can do straight angle buffers :)</p>		

Associated revisions

Revision ed1d08d4 - 2014-06-17 11:46 AM - Martin Dobias

Fix #10605 (round corners when using simple line with offset)

History

#1 - 2014-06-17 02:04 AM - Martin Dobias

- Assignee changed from Alvaro Huarte to Martin Dobias

#2 - 2014-06-17 02:47 AM - Martin Dobias

- Status changed from Open to Closed

Fixed in changeset commit:"ed1d08d435091e2890773b984c64fa96202b9f51".

Files

QGIS_24-rounded_angles.png	140 KB	2014-06-16	Mathieu Pellerin - nIRV
QGIS_22-straight_angles.png	123 KB	2014-06-16	Mathieu Pellerin - nIRV