

## QGIS Application - Bug report #13332

### improperly drawn lines may occur on polygon/line features

2015-09-08 12:47 PM - Steven Mizuno

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	Symbology	
<b>Affected QGIS version:</b>	master	<b>Regression?:</b> No
<b>Operating System:</b>		<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	No	<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b>	No	<b>Copied to github as #:</b> 21386
<b>Description</b>		
<p>When Settings Options Rendering, Rendering quality: "Make lines appear less jagged at the expense of some drawing performance" is turned OFF there is a line drawing problem for linestring and polygon features where a line is drawn across the map instead of following a series of vertices. This happens when some of the vertices are off-screen.</p> <p>This occurs when the border or pen width is equivalent to less than 1 pixel -- 0.26 mm being the default. On a 96dpi display 1 pixel = 0.26458333 mm, approximately.</p> <p>Changing the line width to 0.264584 (just more than 1 pixel) keeps the improperly drawn lines from appearing.</p> <p>The problem occurs for both the main feature rendering and when the feature is selected. Note that the line width settings don't affect the selection rendering.</p> <p>At first I thought it was related to a particular computer until I realized that another computer with the same version of QGIS was set for 192dpi so the problem showed only sometimes, as when a feature was selected. I changed the line width to 0.13 (less than 1 px) and the problem would occur on this computer as well. Also noticed that 32-bit versions didn't appear to have the problem.</p> <p>On further testing, it appears that the 32-bit versions don't exhibit the problem and that 64-bit versions dating to 2.10 or earlier do have the problem.</p> <p>I consider this to be a relatively minor problem, but it could lead to misinterpreted data.</p> <p>Attached files showing various aspects.</p>		

#### History

##### #1 - 2015-11-10 12:26 PM - Steven Mizuno

I believe this has been fixed in master (see #13343 which described a similar problem), so I am closing this issue.

##### #2 - 2015-11-10 12:47 PM - Steven Mizuno

- Status changed from Open to Closed

Forgot to change Status

#### Files

20150905_001.png	6.18 KB	2015-09-08	Steven Mizuno
------------------	---------	------------	---------------

20150905_002.png	5.18 KB	2015-09-08	Steven Mizuno
20150905_003.png	5.26 KB	2015-09-08	Steven Mizuno
20150905_004.png	6.2 KB	2015-09-08	Steven Mizuno