

QGIS Application - Bug report #13811

Marker line - Negative Line offset moves symbol to the other endpoint

2015-11-12 01:40 AM - Sandro Santilli

Status:	Closed	
Priority:	Normal	
Assignee:	Sandro Santilli	
Category:	Symbology	
Affected QGIS version:	2.8.3	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:	No	Resolution:
Crashes QGIS or corrupts data:	No	Copied to github as #: 21836
Description		
<p>To reproduce:</p> <ol style="list-style-type: none">1. New project2. Add a simple (2 vertices) LINESTRING -- for example with QuickWKT plugin3. Go to layer properties, Style TAB<ol style="list-style-type: none">3.1. add Marker line, set "on last vertex only" and "Rotate marker" (should be already set)3.2. pick an arrow as "Simple marker"3.3. Change "Line offset" field in Marker placement to a negative number and see how it moves the arrow to the first vertex (from last) <p>This is likely a misues of GEOS OffsetCurve which is known to return a reversed line on negative offsets</p>		

Associated revisions

Revision 824fd7bf - 2015-11-13 03:29 PM - Sandro Santilli

Fix endpoint swap on negative marker line offset

Fixes #13811

Includes testcase

Revision 9e80e25d - 2015-11-13 03:31 PM - Sandro Santilli

[BUGFIX] Fix endpoint swap on negative marker line offset

Fixes #13811

Includes testcase

(cherr-picked from 824fd7bf32a45e278f2ec2fe9fa1c7228c9fb27f)

Revision 509a2854 - 2015-11-18 11:14 AM - Nyal Dawson

Fix endpoint swap on negative marker line offset

Fixes #13811

Includes testcase

(cherry-picked from 824fd7bf32a45e278f2ec2fe9fa1c7228c9fb27f)

History

#1 - 2015-11-12 02:09 AM - Sandro Santilli

Confirmed, I've a working patch. While testing it I also found that an offset of -0.0 (negative zero) makes the symbol disappear

#2 - 2015-11-12 02:23 AM - Sandro Santilli

Patch staged here: <https://github.com/qgis/QGIS/pull/2442>

If anyone has pointers to add a testcase I think it would be worth it (symbols often break).

Also, I couldn't check if the bug is still present in master.

#3 - 2015-11-12 07:22 AM - Sandro Santilli

confirmed also master is affected. I'm working on an automated testcase.

#4 - 2015-11-13 06:31 AM - Sandro Santilli

- *Status changed from Open to Closed*

Fixed in changeset commit:"824fd7bf32a45e278f2ec2fe9fa1c7228c9fb27f".