QGIS Application - Bug report #9861
self crossing lines stop rendering if offset is set

2014-03-24 01:10 PM - Gavin Fleming

Status:	Closed		
Priority:	Normal		
Assignee:	Alvaro Huarte		
Category:			
Affected QGIS version:	master	**Regression?:**	No
Operating System:		**Easy fix?:**	No
Pull Request or Patch supplied:	Yes	**Resolution:**	
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	18389

Description

add an offset to a line and it stops rendering

QGIS version   2.3.0-Master   QGIS code revision   exported

Compiled against Qt   4.8.4   Running against Qt   4.8.4

Compiled against GDAL/OGR   1.9.0   Running against GDAL/OGR   1.9.0

Compiled against GEOS   3.3.3-CAPI-1.7.4   Running against GEOS   3.3.8-CAPI-1.7.8

PostgreSQL Client Version   9.1.10   SpatiaLite Version   3.1.0-RC2

QWT Version   5.2.3   PROJ.4 Version   470

QScintilla2 Version

Related issues:

Related to QGIS Application - Bug report # 9973: Multi-Thread-Rendering: Qt C...	**Closed**	**2014-04-01**
Duplicated by QGIS Application - Bug report # 9883: lines stop rendering if o...	**Closed**	**2014-03-24**
Duplicated by QGIS Application - Bug report # 9862: lines stop rendering if o...	**Closed**	**2014-03-24**

Associated revisions

Revision 0c6056be - 2014-05-07 07:17 PM - Jürgen Fischer

Manually merge PR #1290 (fixes #9861)

History

#1 - 2014-03-30 01:57 AM - Alessandro Ciali

Win 7 Platform affected too.

#2 - 2014-03-30 03:08 AM - Giovanni Manghi

- Status changed from Open to Feedback

offset in

symbology -> simple line -> offeset ?

if yes I cannot confirm on master.

#3 - 2014-03-30 07:37 AM - Gavin Fleming

- File offset_9861_sampleproject.zip added

yes it is a simple line offset. Attached is a sample project with data and styles. In my Master the one layer (pitseng) does not draw and has no legend after applying an offset.

#4 - 2014-03-30 01:43 PM - Giovanni Manghi

- Operating System deleted (ubuntu)

- Assignee set to Alvaro Huarte

- Status changed from Feedback to Open

- Subject changed from lines stop rendering if offset to self crossing lines stop rendering if offset is set

- Target version set to Version 2.4

- Affected QGIS version changed from 2.2.0 to master

- OS version deleted (13.10)

It results that this happen only/because the lines are self crossing.

On 2.0.1 does not happens, on the other hand the result of the offset is in general a lot better in 2.2 than it is in 2.0.

This is the result of Alvaro's work that I will assign the ticket and decide what would be the best option here.

#5 - 2014-04-01 03:23 PM - Alvaro Huarte

Giovanni Manghi wrote:

> *It results that this happen only/because the lines are self crossing.*
>
> *On 2.0.1 does not happens, on the other hand the result of the offset is in general a lot better in 2.2 than it is in 2.0.*
>
> *This is the result of Alvaro's work that I will assign the ticket and decide what would be the best option here.*

Hi, I'm implementing ST_MakeValid function in QgsGeometry to solve this issue and then convert to valid the self-crossing geometries. But I am having problems with multi-thread-rendering. I open other issue before resolve this.

Best Regards
Alvaro

#6 - 2014-04-02 03:45 AM - Alvaro Huarte

- Pull Request or Patch supplied changed from No to Yes

Hi, I propose this pull https://github.com/qgis/QGIS/pull/1290 to solve this issue.

Now 'offsetline' function supports multi-geometries fetched from offseted self-crossing lines.

Best Regards
Alvaro

#7 - 2014-05-07 10:20 AM - Jürgen Fischer

- Status changed from Open to Closed

Fixed in changeset commit:"0c6056be5b3102089aaaec517908947edab7af9d".

Files

offset_9861_sampleproject.zip	42.3 KB	2014-03-30	Gavin Fleming

#7 - 2014-05-07 10:20 AM - Jürgen Fischer

- Status changed from Open to Closed