

QGIS Application - Bug report #15113

Inverted polygon renderer fails with CurvePolygon geometry

2016-06-22 11:02 PM - Andreas Neumann

Status:	Closed	
Priority:	Normal	
Assignee:	Hugo Mercier	
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 #: 23055
Description		
<p>If the layer is of type CurvePolygon, the inverted polygon renderer displays a message that this renderer type only works with Polygon and MultiPolygon layers.</p> <p>It would be nice, if CurvePolygon would be supported as well by segmentizing on the fly before using it in the geometry and rendering operations.</p> <p>Attached is sample data with one CurvePolygon - you can use http://webdienste.zugmap.ch/luftbild2011/service.svc/get as a WMS in the same projection (aerial image) as a background for testing.</p>		

Associated revisions

Revision 8976c9de - 2016-06-23 04:09 PM - Hugo Mercier

Allow curved polygons to be inverted (fixes #15113)

Revision defd7388 - 2016-06-23 05:17 PM - Hugo Mercier

Merge pull request #3229 from mhugo/fix_15113

Allow curved polygons to be inverted (fixes #15113)

History

#1 - 2016-06-23 12:22 AM - Hugo Mercier

Hi,

I've just tried the inverted polygon renderer on a curvedpolygon and it seems to work fine.

The attached file only contains curved lines, not polygons ... am I missing something ?

#2 - 2016-06-23 01:35 AM - Giovanni Manghi

- Operating System deleted (all)

- Status changed from Open to Feedback

#3 - 2016-06-23 04:10 AM - Andreas Neumann

- File border_risch_curve_polygon.gpkg added

Im am sorry, it was the wrong data set - you are right, it was line data, but with WKB Type "Compound Curve".

The data I upload now is "Polygon" WKB Type "CurvePolygon".

You need a recent GDAL to load it correctly.

#4 - 2016-06-23 04:31 AM - Andreas Neumann
- File *inverted_polygon_renderer_error_message.png* added

In the attached png image you can see the error message I get with *border_risch_curve_polygon.gpkg*

#5 - 2016-06-23 04:55 AM - Hugo Mercier

Thanks.
I can reproduce.
After a quick look at the code, that should not be a big deal to fix

#6 - 2016-06-23 08:17 AM - Hugo Mercier
- Status changed from *Feedback* to *Closed*

Fixed in changeset commit:"defd7388bc612f0dd7c0a69f92fa27af09422357".

Files			
circular_arcs_kt_zug.gpkg	1.63 MB	2016-06-22	Andreas Neumann
border_risch_curve_polygon.gpkg	55 KB	2016-06-23	Andreas Neumann
inverted_polygon_renderer_error_message.png	78.4 KB	2016-06-23	Andreas Neumann