

QGIS Application - Bug report #15116

Bad interpretation of CircularString representing full circle

2016-06-23 07:09 AM - Even Rouault

Status:	Closed	
Priority:	Normal	
Assignee:	Marco Hugentobler	
Category:	Geometry	
Affected QGIS version:	master	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:		Resolution:
Crashes QGIS or corrupts data:		Copied to github as #: 23058
Description		
<p>Currently for a CircularString(p0,p1,p2) where p0 == p2, QGIS considers p1 to be the center of the circle, whereas GDAL and PostGIS follow ISO SQL/MM Part 3 which says that the center of the circle is the midpoint of [p0,p1]. It would be good for QGIS to align on GDAL & PostGIS for interoperability through exchanges of WKT/WKB geometries.</p> <p>Discussion thread : https://lists.osgeo.org/pipermail/qgis-developer/2016-June/043416.html</p>		

Associated revisions

Revision 203f9755 - 2016-06-27 10:37 AM - Marco Hugentobler

Change full circle interpretation, fixes #15116

Revision 21b8ef0e - 2016-06-27 04:15 PM - Marco Hugentobler

Merge pull request #3242 from mhugent/full_circle

Change full circle interpretation, fixes #15116

History

#1 - 2016-06-26 11:32 PM - Marco Hugentobler

- Assignee set to Marco Hugentobler

#2 - 2016-06-27 07:15 AM - Marco Hugentobler

- Status changed from Open to Closed

Fixed in changeset commit:"21b8ef0e4a863094d506e42366e888d005884cc0".