

QGIS Application - Feature request #17585

Allow tolerance in intersects tests

2017-11-29 02:55 PM - gcarrillo -

Status: Open	
Priority: Normal	
Assignee:	
Category: Geometry	
Pull Request or Patch supplied:	Resolution:
Easy fix?: No	Copied to github as #: 25482
Description	
<pre>>>> my_line = QgsGeometry().fromWkt('0 0, 963461.42999999970197678 1077875.79199999943375587, 1 1') >>> my_point = QgsGeometry().fromWkt("Point (963461.430 1077875.792)") >>> my_line.intersects(my_point) False</pre>	
Any way to set a tolerance or something so that such intersection is found? The line was created digitizing it in QGIS using snapping (vertex mode, 9 pixels of tolerance).	

History

#1 - 2017-11-29 11:57 PM - Nyal Dawson

- Subject changed from *Polyline.intersects(Point) doesn't work in QGIS master to Allow tolerance in intersects tests*
- Tracker changed from *Bug report to Feature request*

Same behavior in 2.x. I'm changing this from a bug to a feature request, because the current behaviour is correct - those two geometries don't intersect.

#2 - 2017-11-30 01:45 PM - gcarrillo -

- Status changed from *Open to Closed*

It would be nice to have a tolerance parameter so that this very little discrepancies can also be found, but I guess one could snap one geometry to the other (with such little distance as tolerance) and then run intersects.

#3 - 2017-11-30 04:26 PM - Giovanni Manghi

- Status changed from *Closed to Open*