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:	No	**Resolution:**	
Easy fix?:	No	**Copied to github as #:**	25482

Description

>>> 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

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 - Nyall 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