

QGIS Application - Bug report #2561

splitGeometry returns one part of the splitted line, instead of two

2010-03-17 08:12 AM - Maxim Dubinin

Status:	Closed	
Priority:	Low	
Assignee:	nobody -	
Category:	Vectors	
Affected QGIS version:		Regression?: No
Operating System:	Windows	Easy fix?: No
Pull Request or Patch supplied:		Resolution: wontfix
Crashes QGIS or corrupts data:		Copied to github as #: 12621
Description		
<p>Easy to try on two intersecting lines (two nodes each)</p> <p>Sample code for python console (two lines are selected):</p> <pre>cl = qgis.utils.iface.mapCanvas().currentLayer() selffeats = cl.selectedFeatures() geom0 = [[QgsGeometry]](selffeatsr0.geometry()) geom1 = [[QgsGeometry]](selffeatsr1.geometry()) (res, newlist, toplist) = geom1.splitGeometry(pnts, False)</pre> <p>Resulting newlist contains only 1 object, one part of the line, should have 2.</p>		

History

#1 - 2010-03-17 08:13 AM - Maxim Dubinin

Overedited the code, sorry

```
cl = qgis.utils.iface.mapCanvas().currentLayer()
selffeats = cl.selectedFeatures()
geom0 = [[QgsGeometry]](selffeatsr0.geometry())
geom1 = [[QgsGeometry]](selffeatsr1.geometry())
pnt0=geom0.vertexAt(0)
pnt1=geom0.vertexAt(1)
pnts=[]
pnts.append(pnt0)
pnts.append(pnt1)
(res, newlist, toplist) = geom1.splitGeometry(pnts, False)
```

#2 - 2010-03-24 01:56 PM - Marco Hugentobler

- Resolution set to wontfix

- Status changed from Open to Closed

This is intended behaviour. The line is splitted into two parts. Part one is

still geom1 (but changed). The second (new) geometry is in newlist.