QGIS Application - Bug report #1605
QgsGeometry().fromPolygon([[]]) crashes Qgis

2009-03-31 07:11 AM - barryrowlingson -

Status:	Closed		
Priority:	Low		
Assignee:	nobody -		
Category:	Vectors		
Affected QGIS version:		**Regression?:**	No
Operating System:	Linux	**Easy fix?:**	No
Pull Request or Patch supplied:		**Resolution:**	fixed
Crashes QGIS or corrupts data:		**Copied to github as #:**	11665

Description

I can make a geometry like this:

> pol = [[[QgsPoint]](0,0),QgsPoint(0,1),QgsPoint(1,1)]
>
> [[QgsGeometry]].fromPolygon([pol])

<qgis.core.QgsGeometry object at 0x998aeac>

but if I do:

> pol = []
>
> [[QgsGeometry]].fromPolygon([pol])

- crash:

> Fatal: ASSERT failure in QVector<T>::operator[]: "index out of range", file /usr/include/qt4/QtCore/qvector.h, line 320
>
> - this happened when a selection tool I wrote was trying to create a geometry from a list of coordinates that it hadn't filled yet.
>
> Carson Farmer had the same problem.

History

#1 - 2009-03-31 12:33 PM - Martin Dobias

- Resolution set to fixed

- Status changed from Open to Closed

Fixed in (trunk) and (1.0)

Martin