

QGIS Application - Bug report #13084

Segfault when accessing geometry from Python console

2015-07-06 09:24 AM - Daniel Baston

<b>Status:</b>	Closed	
<b>Priority:</b>	High	
<b>Assignee:</b>		
<b>Category:</b>	PyQGIS Console	
<b>Affected QGIS version:</b>	master	<b>Regression?:</b> No
<b>Operating System:</b>		<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	No	<b>Resolution:</b> duplicate
<b>Crashes QGIS or corrupts data:</b>	Yes	<b>Copied to github as #:</b> 21151
<b>Description</b>		
<p>Load the test data. Open python console. Run</p> <pre>iface.activeLayer().selectedFeatures()[0].geometry().exportToWkt()</pre> <p>Get</p> <p>Program terminated with signal SIGSEGV, Segmentation fault.</p> <pre>#0 0x00007f4a0b337dcc in QgsAbstractGeometryV2::wkbType (this=0x21) at /home/dbaston/dev/QGIS/src/core/geometry/qgsabstractgeometryv2.h:117 117   QgsWKBTypes::Type wkbType() const { return mWkbType; }</pre> <p>Not sure that the test data actually matters.</p> <p>Build 8e488ca. Originally experienced the problem w/QGIS 2.6, where .exportToWkt() would produce an empty string and .asWkb() would dump random memory contents.</p>		
<b>Related issues:</b>		
Duplicates QGIS Application - Bug report # 777: crashes with python reference...		Closed

History

#1 - 2015-07-06 09:25 AM - Daniel Baston

- File test.zip added

#2 - 2015-07-07 01:24 AM - Martin Dobias

- Resolution set to duplicate

- Status changed from Open to Closed

Duplicate of #777.

A solution is to keep temporary reference to the feature you work with:

```
f = iface.activeLayer().selectedFeatures()[0]
print f.geometry().exportToWkt()
```

This will avoid destruction of QgsFeature instance while its QgsGeometry object is still in use.

**Files**

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test.zip	2.48 KB	2015-07-06	Daniel Baston
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