

## QGIS Application - Feature request #3433

### GEOSEException not exposed through python bindings

2011-01-23 05:21 PM - rcoup -

<b>Status:</b>	Closed	
<b>Priority:</b>	Low	
<b>Assignee:</b>	Borys Jurgiel	
<b>Category:</b>	Python plugins	
<b>Pull Request or Patch supplied:</b>		<b>Resolution:</b> fixed
<b>Easy fix?:</b>	No	<b>Copied to github as #:</b> 13493
<b>Description</b>		
<p>If you try and parse some invalid WKT (or do a number of other bad things), GEOS will throw an error you <b>can't catch</b> from Python, causing the interpreter to crash.</p> <pre>&gt;&gt;&gt; from qgis.core import [[QgsGeometry]] &gt;&gt;&gt; # WKT has a missing ')' &gt;&gt;&gt; [[QgsGeometry]].fromWkt("POLYGON((0 0, 1 0, 1 1, 0 0)") terminate called after throwing an instance of 'GEOSEException' Aborted</pre> <p>ideally a developer should be able to catch it with:</p> <pre>&gt;&gt;&gt; from qgis.core import [[QgsGeometry]], GEOSEException &gt;&gt;&gt; try: &gt;&gt;&gt;   [[QgsGeometry]].fromWkt("POLYGON((0 0, 1 0, 1 1, 0 0)") &gt;&gt;&gt; except GEOSEException, e: &gt;&gt;&gt;   print "uh oh, WKT error: %s" % e</pre>		

#### History

**#1 - 2011-02-20 11:52 AM - Martin Dobias**

- Resolution set to fixed

- Status changed from Open to Closed

This has been fixed in development version already (commit:520cfc63 (SVN r14905)). It is not possible to catch the exception, you will just get None instead of a valid geometry.