

QGIS Application - Bug report #19252

GDAL crash in QGIS only when saving a new raster

2018-06-23 02:45 AM - Andrew Blakey

Status: Open	
Priority: Normal	
Assignee:	
Category: GDAL Tools	
Affected QGIS version: 3.1(master)	Regression?: No
Operating System: 16.04	Easy fix?: No
Pull Request or Patch supplied: No	Resolution:
Crashes QGIS or corrupts data: No	Copied to github as #: 27080
Description	
When I attempt to run a snippet of code in QGIS's Python window that creates a GeoTiff, it crashes QGIS. If I run the same in Python 3.5.2 from the cli with the same dependencies it completes fine and creates the GeoTiff. Any suggestions on how to further debug this would be appreciated. <pre>import gdal, numpy print(numpy.version.version) # 1.14.5 print(gdal.VersionInfo()) # 2020200 gdal.UseExceptions() data = numpy.zeros((100, 100), numpy.int8) driver = gdal.GetDriverByName('GTiff') outRaster = driver.Create('/tmp/output.tif', 100, 100, 1, gdal.GDT_Byte) outRaster.SetGeoTransform((0, 0.05, 0, 0, 0, 0.05)) outBand = outRaster.GetRasterBand(1) outBand.WriteArray(data) outRaster = None</pre> One of these three things is printed when the crash occurs <pre>ERROR 4: Unable to open /tmp/output.tif to obtain file list. QGIS died on signal 11</pre> or <pre>*** Error in `/usr/bin/qgis.bin': malloc(): memory corruption: 0x0000562f2bcce480 ***</pre> or <pre>Traceback (most recent call last): File "/usr/lib/python3.5/code.py", line 91, in runcode exec(code, self.locals) File "<input>", line 1, in <module> File "/usr/lib/python3/dist-packages/osgeo/gdal.py", line 453, in Create</pre>	

```
return _gdal.Driver_Create(self, *args, **kwargs)
RuntimeError: Unable to open /tmp/output.tif to obtain file list.
```