

QGIS Application - Bug report #16858

Python error:RuntimeError: wrapped C/C++ object of type SnapGeometriesToLayer has been deleted

2017-07-13 09:02 AM - Etienne Trimaille

<div>Status:Closed</div> <div>Priority:High</div> <div>Assignee:Nyall Dawson</div> <div>Category:Processing/QGIS</div> <div>Affected QGIS version:master</div> <div>Operating System:</div> <div>Pull Request or Patch supplied:</div> <div>Crashes QGIS or corrupts data:</div>	<div>Regression?:Yes</div> <div>Easy fix?:No</div> <div>Resolution:fixed/implemented</div> <div>Copied to github as #:24757</div>
<div>Description</div> <div>While trying to launch the "Snap geometries to layer" in the processing toolbox, I got this python exception:</div> <div>An error has occurred while executing Python code:</div> <div>RuntimeError: wrapped C/C++ object of type SnapGeometriesToLayer has been deleted</div> <div>Traceback (most recent call last):</div> <div>File "/Users/etienne/dev/c/build-QGIS-testing-creator/output/python/plugins/processing/algs/qgis/QgisAlgorithm.py", line 39, in shortHelpString</div> <div>return shortHelp.get(self.id(), None)</div> <div>RuntimeError: wrapped C/C++ object of type SnapGeometriesToLayer has been deleted</div> <div>Python version: 3.6.1 (default, Mar 23 2017, 16:49:06) [GCC 4.2.1 Compatible Apple LLVM 8.0.0 (clang-800.0.42.1)]</div> <div>QGIS version: 2.99.0-Master Master, exported</div> <div>Python Path:</div> <div>/Users/etienne/dev/c/build-QGIS-testing-creator/output/python/plugins/processing</div> <div>/Users/etienne/dev/c/build-QGIS-testing-creator/output/python</div> <div>/Users/etienne/.qgis3/python</div> <div>/Users/etienne/.qgis3/python/plugins</div> <div>/Users/etienne/dev/c/build-QGIS-testing-creator/output/python/plugins</div> <div>/Users/etienne/dev/c/build-QGIS-testing-creator/output/bin/\$PYTHONPATH</div> <div>/usr/local/opt/gdal2-python/lib/python3.6/site-packages</div> <div>/usr/local/opt/python3/Frameworks/Python.framework/Versions/3.6/lib/python36.zip</div> <div>/usr/local/opt/python3/Frameworks/Python.framework/Versions/3.6/lib/python3.6</div> <div>/usr/local/opt/python3/Frameworks/Python.framework/Versions/3.6/lib/python3.6/lib-dynload</div> <div>/usr/local/opt/python3/Frameworks/Python.framework/Versions/3.6/lib/python3.6/site-packages</div> <div>/Users/etienne/.qgis3/python</div> <div>I compiled QGIS today.</div>	

Associated revisions

Revision 370b2679 - 2017-08-18 07:24 PM - Nyall Dawson

Fix wrapped c++ object has been deleted error when editing model parameters

Fixes #16858

Improved memory management of algorithm dialogs

Ensure that dialogs are always correctly deleted when appropriate.

Also, if an algorithm is running in a background task and hits an error, we automatically re-show the algorithm dialog and the associated log for debugging.

Fixes #16858

History

#1 - 2017-07-13 09:28 AM - Etienne Trimaille

Hum, I have this error with every QGIS algorithms :

```
RuntimeError: wrapped C/C++ object of type GridPolygon has been deleted
Traceback (most recent call last):
  File "/Users/etienne/dev/c/build-QGIS-testing-creator/output/python/plugins/processing/algs/qgis/QgisAlgorithm.py", line 39, in shortHelpString
    return shortHelp.get(self.id(), None)
RuntimeError: wrapped C/C++ object of type GridPolygon has been deleted
```

#2 - 2017-07-13 12:54 PM - Giovanni Manghi

- *Priority changed from Normal to High*

Etienne Trimaille wrote:

```
| Hum, I have this error with every QGIS algorithms :
|
| [...]
|
```

Nyal is working heavily on Processing in master, if there is a specific issue now on macOS I would let him know.

#3 - 2017-07-13 12:55 PM - Giovanni Manghi

- *Regression? changed from No to Yes*

#4 - 2017-07-14 07:18 PM - Giovanni Manghi

- *Operating System deleted (MacOS)*

Confirmed also on Windows. There are tools that just show the error message and other that show it but also open the tool dialog.

example:

Traceback (most recent call last):

File "C:/OSGEO4~1/apps/qgis-dev/.python/plugins\processing\algs\qgis\QgisAlgorithm.py", line 39, in shortHelpString
return shortHelp.get(self.id(), None)
RuntimeError: wrapped C/C++ object of type ImportIntoPostGIS has been deleted

#5 - 2017-07-15 12:44 AM - Giovanni Manghi

seen the same also on Linux.

#6 - 2017-07-16 09:41 AM - Alexander Bruy

This is known issue and we are working on it

#7 - 2017-07-26 12:38 AM - Nyal Dawson

- Resolution set to fixed/implemented
- Status changed from Open to Closed

Fixed by commit:383422f069f9d067eef967abddf01e3da6a1167a

#8 - 2017-08-18 02:22 PM - Etienne Trimaille

- Status changed from Closed to Reopened

I got the issue again:

An error has occurred while executing Python code:

RuntimeError: wrapped C/C++ object of type QgsProcessingParameterCrs has been deleted

Traceback (most recent call last):

File "/Users/etienne/dev/cpp/build-QGIS-QGIS_Build_Kit_QT5-Debug/output/python/plugins/processing/modeler/ModelerGraphicItem.py", line 428, in mousePressEvent
self.action()

File "/Users/etienne/dev/cpp/build-QGIS-QGIS_Build_Kit_QT5-Debug/output/python/plugins/processing/modeler/ModelerGraphicItem.py", line 201, in editElement
self.element.setParameterName(dlg.param.name())

RuntimeError: wrapped C/C++ object of type QgsProcessingParameterCrs has been deleted

Python version: 3.6.2 (default, Jul 17 2017, 16:44:45) [GCC 4.2.1 Compatible Apple LLVM 8.1.0 (clang-802.0.42)]

QGIS version: 2.99.0-Master Master, 3412afc400

I could replicate most of the time, not always:

In the Processing modeler, create a new input parameter, close it, edit it and close it again. I can check how to replicate if needed

#9 - 2017-08-18 05:07 PM - Nyal Dawson

- Status changed from Reopened to Feedback

| I could replicate most of the time, not always:

In the Processing modeler, create a new input parameter, close it, edit it and close it again. I can check how to replicate if needed

Can't reproduce - can you post step by step instructions please! (also commit sha for your build)

#10 - 2017-08-18 07:25 PM - Nyall Dawson

Reproduced - it's when you close the dialog via the title bar close button, instead of using ok or cancel

#11 - 2017-08-18 09:38 PM - Nyall Dawson

- % Done changed from 0 to 100

- Status changed from Feedback to Closed

Applied in changeset commit:qgis|370b26798f459e4aabea8a174346b13b3f90b8ea.

#12 - 2017-08-18 10:53 PM - Etienne Trimaille

Thanks Nyall for the quick fix. I will check again.

#13 - 2017-10-17 12:36 PM - Etienne Trimaille

- Status changed from Closed to Reopened

- Assignee changed from Victor Olaya to Nyall Dawson

The problem occurs again for me in the modeler.

Steps to reproduce:

- Run a model
- Close the dialog with the close button in the title bar while the model is running.
- At the end of the model, there is an exception:

RuntimeError: wrapped C/C++ object of type AlgorithmDialog has been deleted

Traceback (most recent call last):

File "/Users/etienne/dev/cpp/build-QGIS-QGIS_Build_Kit_QT5-Debug/output/python/plugins/processing/gui/AlgorithmDialog.py", line 244, in on_complete

feedback.pushInfo(self.tr('Execution completed in {0:0.2f} seconds'.format(time.time() - start_time)))

RuntimeError: wrapped C/C++ object of type AlgorithmDialog has been deleted

Maybe when we click on the close button, a popup should come to ask if we want to cancel the algorithm or if we just want to close the dialog and the model should still run in the background?

Latest commit from master

#14 - 2018-01-16 10:45 AM - Nyall Dawson

- Status changed from Reopened to Closed

Applied in changeset commit:qgis|87c1986c4b11701f19bba7d90c1be33d91d64b5f.

#15 - 2018-01-23 09:35 AM - Etienne Trimaille

- Status changed from Closed to Reopened

The problem occurs again! sorry. A fresh build from this morning: d7e18131808c3a622e5597cdf5608a28136755e7

New scenario:

In "Settings" "Options" "Processing" "Providers" and then toggle the activate on/off checkbox (saga, grass ...) then press OK. It seems the error is coming from ALL plugins having their own providers:

An error has occurred while executing Python code:

RuntimeError: wrapped C/C++ object of type QueryFactoryAlgorithm has been deleted

Traceback (most recent call last):

File "/Users/etienne/Library/Application

Support/QGIS/QGIS3/profiles/default/python/plugins/QuickOSM/src/quick_osm_processing/quick_osm_provider.py", line 74, in loadAlgorithms
self.addAlgorithm(alg)

RuntimeError: wrapped C/C++ object of type QueryFactoryAlgorithm has been deleted

Thanks for previous fix.

#16 - 2018-01-29 05:08 AM - Nyal Dawson

- Status changed from Reopened to Feedback

I can't reproduce - is it still an issue?

#17 - 2018-01-29 03:34 PM - Etienne Trimaille

Yes, I can replicate on master.

Maybe it's not with all Processing plugins.

The first message I have, it's coming from the "Buffer by percentage" plugin.

- Install it.
- You should see it in the Processing Toolbox.
- Go into the processing settings.
- Toggle Saga or Grass activation checkbox.
- Press OK and the error is coming:

RuntimeError: wrapped C/C++ object of type BufferByFixedPercentage has been deleted

Traceback (most recent call last):

File "/Users/etienne/Library/Application Support/QGIS/QGIS3/profiles/default/python/plugins/BufferByPercentage/bufferbypercentage.py", line 136, in loadAlgorithms
self.addAlgorithm(alg)

RuntimeError: wrapped C/C++ object of type BufferByFixedPercentage has been deleted

Then after this error message, I have the same error but from my own plugin QuickOSM.

#18 - 2018-02-13 11:10 AM - Nyal Dawson

- *Status changed from Feedback to Closed*

Not a QGIS bug - it's a bug in the plugin. PR here: <https://github.com/jdugge/BufferByPercentage/pull/14>

#19 - 2018-09-29 07:23 PM - Johannes Kroeger

I just had this happen with <https://github.com/root676/QNEAT3/issues/8>

Is there no way to catch these? I feel that no plugin should be able to completely crash QGIS. :(