

QGIS Application - Bug report #21350

QGIS Crash when running Python script

2019-02-22 03:15 PM - Peter Spurgeon

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|---------------------------------|----------------|------------------------------|
| Status: | Closed | |
| Priority: | Normal | |
| Assignee: | | |
| Category: | PyQGIS Console | |
| Affected QGIS version: | 3.4.4 | Regression?: No |
| Operating System: | Windows 7 | Easy fix?: No |
| Pull Request or Patch supplied: | No | Resolution: invalid |
| Crashes QGIS or corrupts data: | Yes | Copied to github as #: 29168 |

Description

User Feedback

I ran the following Python script and QGIS crashed:

```
from qgis.core import *
import processing

1. supply path to qgis install location
QgsApplication.setPrefixPath("C:/Program Files/QGIS 3.4", True)

1. create a reference to the QgsApplication
2. setting the second argument to True enables the GUI, which we need
3. to do since this is a custom application

qgs = QgsApplication([], True)

1. load providers
qgs.initQgis()

1. Write your code here to load some layers, use processing
2. algorithms, etc.

1. load layers
iface.addVectorLayer("J:/GIS/Projects/TCARTA/00_CandidatePack/London_Major_roads_6m_buffer_32631.shp","Roads","ogr")
iface.addVectorLayer("J:/GIS/Projects/TCARTA/00_CandidatePack/input/London_Moving_Vehicles_Image1_32631.shp",
"Moving_Vehicles_Image1", "ogr")
iface.addVectorLayer("J:/GIS/Projects/TCARTA/00_CandidatePack/input/London_Moving_Vehicles_Image2_32631.shp",
"Moving_Vehicles_Image2", "ogr")
iface.addVectorLayer("J:/GIS/Projects/TCARTA/00_CandidatePack/input/London_Static_Vehicles_Image1_32631.shp",
"Static_Vehicles_Image1", "ogr")
iface.addVectorLayer("J:/GIS/Projects/TCARTA/00_CandidatePack/input/London_Static_Vehicles_Image2_32631.shp",
"Static_Vehicles_Image2", "ogr")

1. When your script is complete, call exitQgis() to remove the
2. provider and layer registries from memory
qgs.exitQgis()
```

Report Details

Crash ID: 9f2badebfea27d2acdf2434061d39cb3d8ecb4a9

Stack Trace

```
QList<QItemSelectionRange>::size :
QgsLayerTree::QgsLayerTree :
QgsLayerTree::customLayerOrder :
QgsLayerTreeMapCanvasBridge::setCanvasLayers :
QObject::event :
```

```
QApplicationPrivate::notify_helper :
QApplication::notify :
QgsApplication::notify :
PyInit_core :
QCoreApplication::notifyInternal2 :
QCoreApplicationPrivate::sendPostedEvents :
qt_plugin_query_metadata :
QEventDispatcherWin32::processEvents :
TranslateMessageEx :
TranslateMessage :
QEventDispatcherWin32::processEvents :
qt_plugin_query_metadata :
QEventLoop::exec :
QCoreApplication::exec :
main :
BaseThreadInitThunk :
RtlUserThreadStart :
```

QGIS Info

QGIS Version: 3.4.4-Madeira
QGIS code revision: commit:f6ddc62fdb
Compiled against Qt: 5.11.2
Running against Qt: 5.11.2
Compiled against GDAL: 2.4.0
Running against GDAL: 2.4.0

System Info

CPU Type: x86_64
Kernel Type: winnt
Kernel Version: 6.1.7601

History

#1 - 2019-02-22 08:30 PM - Nyal Dawson

- Resolution set to invalid
- Status changed from Open to Closed

It's not possible to use "iface" from a standalone script, since there's no interface existing. You need to avoid using that API in your script.

Followup questions are better suited to gis.stackexchange.com, as this isn't a bug.