

QGIS Application - Bug report #18887

qgis-bin-g7.4.0.exe stopped working (python console)

2018-04-30 12:52 PM - Antoine Lafranchis

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	PyQGIS Console	
Affected QGIS version:	3.0.2	Regression?: No
Operating System:	Windows 10	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution: invalid
Crashes QGIS or corrupts data:	Yes	Copied to github as #: 26719
Description		
I got a crash when I used the python console to test some code. I attach below the code, simplified as much as possible to keep the entire crash reproducibility. It reproduces consistently in my QGIS 3.0.2 installation. The crash does not happen if the print function calls are removed. Steps to reproduce: 1. Without opening any project, open directly Plugins>Python console 2. Paste the following code <pre>class MyTable(QWidget): elements = [] def __init__(self, parent = None): QWidget.__init__(self, parent) self.layout = QVBoxLayout() self.setLayout(self.layout) self.button = QPushButton() self.button.setText('Find') self.button.clicked.connect(self.findElementWithFocus) self.layout.addWidget(self.button) self.addElement(0) def findElementWithFocus(self): for i, element in enumerate(self.elements): for child in element.findChildren(QWidget): if child is self.focusWidget(): return i def printElementWithFocus(self): print(self.focusWidget(), self.findElementWithFocus()) print(self.elements[0],self.elements[0].hasFocus()) def addElement(self, index): element = QLineEdit() self.elements.append(element) self.layout.insertWidget(0, element) dialog = QDialog() layout = QGridLayout() dialog.setLayout(layout) layout.addWidget(MyTable(), 0, 1, 1, 1) dialog.exec()</pre>		

3. A dialog opens
4. Press the enter key and keep it pressed
5. In about 3 seconds, QGIS crashes and Windows displays the message:

qgis-bin-g7.4.0.exe stopped working

History

#1 - 2018-04-30 10:14 PM - Nyall Dawson

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

Solution is not to use print outside of console applications - use the safer QgsMessageLog class instead.