

QGIS Application - Bug report #20558

QGIS crashes when printing to console in separate thread

2018-11-20 01:51 AM - Matthew Jackson

Status:	Closed	
Priority:	High	
Assignee:		
Category:	Python bindings / sipify	
Affected QGIS version:	3.4.1	Regression?: No
Operating System:	Windows 10	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution: wontfix
Crashes QGIS or corrupts data:	Yes	Copied to github as #: 28378
Description If you run the following in the python console from QGIS 3.x in Windows 10, QGIS will crash every time. I believe this is a regression that began with 3.0, but I no longer have a 2.x version to compare with. <pre>class PrintThread (QThread): completed = pyqtSignal() def init(self): QThread.__init__(self) def run (self): print("a message!") t = PrintThread() t.start()</pre>		

History

#1 - 2018-11-20 07:51 AM - Giovanni Manghi

- Category changed from Python plugins to Python bindings / sipify

#2 - 2018-11-20 06:19 PM - Alessandro Pasotti

I think this is a won't fix: python printing from a thread will crash for sure.

You should use QgsMessageLog or other means to communicate with the user.

#3 - 2018-11-20 07:57 PM - Nyal Dawson

- Regression? changed from Yes to No

It's not a regression - this has always been the case.

#4 - 2018-11-22 08:24 AM - Juan Manuel Perez

Just tried the above code on QGis 2.18.20, and in 2.18 this piece of code didn't cause QGis to crash.
I stumbled on this issue while migrating a processing plugging from Qgis 2.18 to Qgis 3.4. Its processing algorithm included some 'print' statements, and I've been forced to remove them for Qgis3 (in Qgis2 they didn't cause any problems).

#5 - 2018-11-22 09:32 AM - Alessandro Pasotti

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

The solution is simple: do not use "print" in a python script in QGIS.