QGIS Application - Bug report #20712
Crash at QgsApplication.initQgis() on Mac

2018-12-04 05:24 AM - Ikuo Yamaga

Status:	In Progress		
Priority:	High		
Assignee:	Peter Petrik		
Category:	Python bindings / sipify		
Affected QGIS version:	3.5(master)	**Regression?:**	No
Operating System:	macos mojave 10.14.1	**Easy fix?:**	No
Pull Request or Patch supplied:		**Resolution:**	
Crashes QGIS or corrupts data:	Yes	**Copied to github as #:**	28532

Description

Simple application crushed by signal 11.
I attached crush report of Mac.

I go back to QGIS3.2.2 Bonn. It's OK, no crush.

  1. source: "The PyGIS Programmer's Guide"

from PyQt5.QtWidgets import QApplication
from qgis.core import QgsApplication

from ourmainwindow_3 import OurMainWindow
app = QApplication([])
  1. set up QGIS
    ##QgsApplication.setPrefixPath("/Users/gsherman/apps/QGIS.app/Contents/MacOS", True)
    QgsApplication.setPrefixPath("/Applications/QGIS3.app/Contents/MacOS", True)
    QgsApplication.initQgis()

  1. set the main window and show it
    mw = OurMainWindow()
    mw.show()

app.exec_()

  1. "delete" our main window
    mw = None
  2. clean up QGIS
    QgsApplication.exitQgis()

  1. end of source

History

#1 - 2018-12-05 05:55 PM - Giovanni Manghi

- Crashes QGIS or corrupts data changed from No to Yes

- Priority changed from Normal to High

- Subject changed from QGIS3.6.2 crush at QgsApplication.initQgis() on Mac to QGIS 3.4.2 crush at QgsApplication.initQgis() on Mac

#2 - 2019-01-29 01:17 PM - Peter Petrik

- Status changed from Open to Feedback

Unable to replicate on Mac 10.14.1 and QGIS 3.5 master.

Based on the attached crash report (crash in QgsAuthManager::authDatabaseConnection() const + 415) I suspect it could be related to packaging (system python installation) or corrupted user profile.

Can you please with test with clean user profile

#3 - 2019-01-31 03:04 AM - Ikuo Yamaga

- Assignee set to Ikuo Yamaga

Same crushed with 10.14.2 and 3.4.4. 3.2.2 Bonn was good.

My python3.6 was maybe clean. I don't touch anything and I created virtualenv for it.

What's mean "clean user profile" ?   bash_profile or not.

#4 - 2019-01-31 03:05 AM - Ikuo Yamaga

- Assignee changed from Ikuo Yamaga to Peter Petrik

#5 - 2019-01-31 09:50 AM - Giovanni Manghi

> *What's mean "clean user profile" ?   bash_profile or not.*

QGIS 3 supports multiple (QGIS) user profiles, you can create new ones.

#6 - 2019-02-01 03:37 AM - Ikuo Yamaga

- File QGIS344crush.png added

- File our_app_3.py added

- File QGIS322runing.png added

- File Qgis344crush.txt added

I create new profile "debug" and set default profile to "debug". But crushed.

I think it was not concern to profile setting, since it was standalone application.

QGIS344 was no good. QGIS322 is good!

I'm testing by rename /Application/QGIS3.app.

--- on console

(venv) Ikuo-no-iMac:qgis3py yamaga$ python3 ./standalone/our_app_3.py

#7 - 2019-02-01 09:22 AM - Jürgen Fischer

- Subject changed from QGIS 3.4.2 crush at QgsApplication.initQgis() on Mac to QGIS 3.4.2 crash at QgsApplication.initQgis() on Mac

#8 - 2019-02-01 10:27 AM - Giovanni Manghi

- Status changed from Feedback to Open

- Affected QGIS version changed from 3.4.2 to 3.4.4

#9 - 2019-02-01 03:56 PM - Peter Petrik

I can replicate the issue when I drag 'n' drop the .py file to QGIS. running individual commands is OK

#10 - 2019-02-01 04:03 PM - Peter Petrik

- *Subject changed from QGIS 3.4.2 crash at QgsApplication.initQgis() on Mac to Crash at QgsApplication.initQgis() on Mac*

- *Affected QGIS version changed from 3.4.4 to 3.5(master)*

#11 - 2019-02-01 04:03 PM - Peter Petrik

- *Status changed from Open to In Progress*

Files

qgis362crush.txt	74.2 KB	2018-12-04	Ikuo Yamaga
Qgis344crush.txt	75 KB	2019-02-01	Ikuo Yamaga
QGIS344crush.png	335 KB	2019-02-01	Ikuo Yamaga
QGIS322runing.png	400 KB	2019-02-01	Ikuo Yamaga
our_app_3.py	549 Bytes	2019-02-01	Ikuo Yamaga