

QGIS Application - Bug report #20424

crashed when use threading lib

2018-11-09 04:10 PM - David Lopez

Status:	Closed	
Priority:	High	
Assignee:		
Category:	Python bindings / sipify	
Affected QGIS version:	3.4.1	Regression?: No
Operating System:	Windows 7 Ultimate	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution: invalid
Crashes QGIS or corrupts data:	Yes	Copied to github as #: 28244
Description		
User Feedback		
<p>crashed when use threading lib</p> <p>----- this is my class -----</p> <pre>import threading class ThreadingExample(object): """ Threading example class The run() method will be started and it will run in the background until the application exits. """ def __init__(self, interval=1): """ Constructor :type interval: int :param interval: Check interval, in seconds """ self.interval = interval self.contador = 0 thread = threading.Thread(target=self.run, args=()) thread.daemon = True # Daemonize thread thread.start() # Start the execution def run(self): """ Method that runs forever """ while True: # Do something print('Doing something imporant in the background') #print(self.interval) time.sleep(self.interval) def funcion(self, argumento): while True: self.contador += 1 print('hola -----')</pre> <p>----- crash when call ThreadingExample() -----</p> <p>I also use operations with geometries</p> <p>this is the link that i use as ref:</p> <p>http://sebastiandahlgren.se/2014/06/27/running-a-method-as-a-background-thread-in-python/</p> <p>i tried to use QRunnable but also crash</p> <pre>class: from PyQt5.QtCore import * class Worker(QRunnable): """ Worker thread """ def __init__(self, fn, *args, **kwargs):</pre>		

```

super(Worker, self).__init__()    # Store constructor arguments (re-used for processing)
self.fn = fn
self.args = args
self.kwargs = kwargs
def run(self):
    """
    Initialise the runner function with passed args, kwargs.
    """
    self.fn(*self.args, **self.kwargs)

```

error comes when call:

```

def execute_this_fn(self):
    print("Hello!")
def oh_no(self): # <----- was connected to a button
    # Pass the function to execute
    worker = Worker(self.execute_this_fn)

```

1. Execute

```
self.threadpool.start(worker) # <----- error
```

Report Details

Crash ID: 6f8bc6b84541925a551ee2a4507a028eb94a48e4

Stack Trace

```

QRasterPaintEngine::brushChanged :
QsciScintillaBase::inputMethodQuery :
QsciStyledText::text :
QsciStyledText::text :
QsciStyledText::text :
QsciStyledText::text :
QsciScintillaBase::inputMethodQuery :
PyInit_Qsci :
QWidget::event :
QFrame::event :
PyInit_Qsci :
QCoreApplicationPrivate::sendThroughObjectEventFilters :
QApplicationPrivate::notify_helper :
QApplication::notify :
QgsApplication::notify :
QCoreApplication::notifyInternal2 :
QWidgetPrivate::drawWidget :
QApplication::windowIcon :
QWidget::event :
QgisApp::event :
QApplicationPrivate::notify_helper :
QApplication::notify :
QgsApplication::notify :
QCoreApplication::notifyInternal2 :
QCoreApplicationPrivate::sendPostedEvents :
qt_plugin_query_metadata :
QEventDispatcherWin32::processEvents :
TranslateMessageEx :
TranslateMessage :
QEventDispatcherWin32::processEvents :
qt_plugin_query_metadata :
QEventLoop::exec :
QDialog::exec :
PyMethodDef_RawFastCallKeywords :
PyMethodDef_RawFastCallKeywords :
PyEval_EvalFrameDefault :
PyFunction_FastCallDict :
PyMethodDef_RawFastCallDict :
PyObject_Call :
PyInit_QtCore :

```

```
PyInit_QtCore :  
PyInit_QtCore :  
PyInit_QtCore :  
PyInit_QtCore :  
QMetaObject::activate :  
QAction::activate :  
QAbstractButton::click :  
QAbstractButton::mousePressEvent :  
QToolButton::mousePressEvent :  
QWidget::event :  
QApplicationPrivate::notify_helper :  
QApplication::notify :  
QgsApplication::notify :  
QCoreApplication::notifyInternal2 :  
QApplicationPrivate::sendMouseEvent :  
QSizePolicy::QSizePolicy :  
QSizePolicy::QSizePolicy :  
QApplicationPrivate::notify_helper :  
QApplication::notify :  
QgsApplication::notify :  
QCoreApplication::notifyInternal2 :  
QGuiApplicationPrivate::processMouseEvent :  
QWindowSystemInterface::sendWindowSystemEvents :  
QEventDispatcherWin32::processEvents :  
TranslateMessageEx :  
TranslateMessage :  
QEventDispatcherWin32::processEvents :  
qt_plugin_query_metadata :  
QEventLoop::exec :  
QCoreApplication::exec :  
main :  
BaseThreadInitThunk :  
RtlUserThreadStart :
```

QGIS Info

QGIS Version: 3.4.1-Madeira
QGIS code revision: commit:383851c597
Compiled against Qt: 5.11.2
Running against Qt: 5.11.2
Compiled against GDAL: 2.3.2
Running against GDAL: 2.3.2

System Info

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

History

#1 - 2018-11-09 04:35 PM - Giovanni Manghi

- Crashes QGIS or corrupts data changed from No to Yes
- Category changed from Python plugins to Python bindings / sipify
- Priority changed from Normal to High

#2 - 2018-11-09 04:57 PM - luca bellani

I only insert my usb memory, and crash

Crash ID: 27a7a1737bab5acc1609b70f6389e7afee749d22

Stack Trace

QgsWinNative::initializeMainWindow :
QAbstractEventDispatcher::filterNativeEvent :
DispatchMessageW :
DispatchMessageW :
CharLowerBuffW :
KiUserCallbackDispatcher :
NtUserPeekMessage :
PeekMessageW :
PeekMessageW :
QEventDispatcherWin32::processEvents :
qt_plugin_query_metadata :
QEventLoop::exec :
QCoreApplication::exec :
main :
BaseThreadInitThunk :
RtlUserThreadStart :

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System Info
CPU Type: x86_64
Kernel Type: winnt
Kernel Version: 10.0.17763

#3 - 2018-11-09 08:27 PM - Nyal Dawson
- Status changed from Open to Feedback

This is probably due to calling "print" from the background thread. You must never do gui based calls, like print, or accessing widgets, from background threads.

#4 - 2018-11-13 03:36 PM - David Lopez

you were right Nyal Dawson
thanks

i keep thinking that qgis should not crash

#5 - 2018-11-13 04:02 PM - Giovanni Manghi
- Resolution set to invalid
- Status changed from Feedback to Closed

Files

ejemplo.zip	54.6 KB	2018-11-09	David Lopez
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