

QGIS Application - Bug report #19297

Repeated Crash making SQL Query in DB Manager

2018-06-29 01:57 AM - Loren Amelang

Status:	Open	
Priority:	High	
Assignee:		
Category:	DB Manager	
Affected QGIS version:	3.2.1	Regression?: Yes
Operating System:	Windows 10 Creators with 3000x2000 screen	Easy fix? No
Pull Request or Patch supplied:	No	Resolution:
Crashes QGIS or corrupts data:	Yes	Copied to github as #: 27125

Description

My Attribute Table views show data rows sorted randomly. Trying to understand, I tried this against a shapefile:

Database -> DB Manager -> Virtual Layers -> QGIS Layers -> Profiles -> SQL Window ->
select * from ProfilesLinesOnly
order by id

It auto-enters only "ProfilesLinesOnly" despite showing "ProfilesLinesOnly 100-50..." in the Tree...
And it forces the column name to "id" despite showing "ID" in the Attribute Table.

It crashed!! And "Reload QGIS" didn't...

h2. Report Details

Crash ID: 7f7fe12663f1e633a0c13ed0e00e224678193a18

Stack Trace

RaiseException :
_TypeMatch :
RtlCaptureContext :
QThreadPoolPrivate::reset :
QThread::start :
BaseThreadInitThunk :
RtlUserThreadStart :

QGIS Info

QGIS Version: 3.2.0-Bonn
QGIS code revision: commit:bc43194061
Compiled against Qt: 5.9.2
Running against Qt: 5.9.2
Compiled against GDAL: 2.2.4
Running against GDAL: 2.2.4

System Info

CPU Type: x86_64
Kernel Type: winnt

Kernel Version: 10.0.16299

I tried again with the spaces removed from the shapefile name in QGIS and on disk:

Database Error

An error occurred

(wait cursor, blank dialog)

Crashed on close:

h2. Report Details

Crash ID: 26a6ac7056ec4001ffdb66d4cdd268098d2a2145

Stack Trace

QBasicMutex::unlockInternal :
QgsTask::processSubTasksForTermination :
QgsTask::cancel :
PyInit__core :
PyCFunction_FastCallDict :
PyObject_GenericGetAttr :
PyEval_EvalFrameDefault :
PyFunction_FastCallDict :
PyObject_CallFunctionObjArgs :
PyObject_Call :
PyInit_sip :
std::basic_string<char,std::char_traits<char>,std::allocator<char> >::shrink_to_fit :
PyInit__core :
QgsTask::subTaskStatusChanged :
QMetaCallEvent::placeMetaCall :
QObject::event :
PyInit__core :
QApplicationPrivate::notify_helper :
QApplication::notify :
QgsApplication::notify :
QCoreApplication::notifyInternal2 :
QCoreApplicationPrivate::sendPostedEvents :
qt_plugin_query_metadata :
QEventDispatcherWin32::processEvents :
CallWindowProcW :
DispatchMessageW :
QEventDispatcherWin32::processEvents :
qt_plugin_query_metadata :
QEventLoop::exec :
QCoreApplication::exec :
main :
BaseThreadInitThunk :
RtlUserThreadStart :

QGIS Info

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System Info

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Kernel Version: 10.0.16299

Again, with "ID", "asc" added to sort:

h2. Report Details

Crash ID: 26a6ac7056ec4001ffdb66d4cdd268098d2a2145

Stack Trace

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PyCFunction_FastCallDict :
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PyEval_EvalFrameDefault :
PyFunction_FastCallDict :
PyObject_CallFunctionObjArgs :
PyObject_Call :
PyInit__sip :
std::basic_string<char,std::char_traits<char>,std::allocator<char> >::shrink_to_fit :
PyInit__core :
QgsTask::subTaskStatusChanged :
QMetaCallEvent::placeMetaCall :
QObject::event :
PyInit__core :
QApplicationPrivate::notify_helper :
QApplication::notify :
QgsApplication::notify :
QCoreApplication::notifyInternal2 :
QCoreApplicationPrivate::sendPostedEvents :
qt_plugin_query_metadata :
QEventDispatcherWin32::processEvents :
CallWindowProcW :
DispatchMessageW :
QEventDispatcherWin32::processEvents :
qt_plugin_query_metadata :
QEventLoop::exec :
QCoreApplication::exec :

main :
BaseThreadInitThunk :
RtlUserThreadStart :

QGIS Info

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System Info

CPU Type: x86_64
Kernel Type: winnt
Kernel Version: 10.0.16299

I gave up. I'm far from a SQL expert, but it shouldn't crash even if my queries are stupid.

History

#1 - 2018-07-02 11:02 AM - Bugmi Gnott

Second part (Crash ID: 26a6ac7056ec4001ffdb66d4cdd268098d2a2145) is the same as #19271

#2 - 2018-07-02 03:07 PM - Giovanni Manghi

- Priority changed from Normal to High
- Crashes QGIS or corrupts data changed from No to Yes
- Regression? changed from No to Yes

Of course should not crash. If it works on 2.18 this is a regression. Also the stable release of QGIS is 2.18, not 3.*.

#3 - 2018-07-20 08:08 AM - Nyall Dawson

- Status changed from Open to Feedback

Please test with QGIS 3.2.1

#4 - 2018-07-21 05:06 AM - Loren Amelang

- File Doc error on download page.JPG added

Nyall,

Help -> Check Version says I'm current, 3.3 is next step.

I checked the web download page, it opened with the "documentation error" message in the screenshot. Does it deserve its own bug report?
The newest version there is the 3.2.0-1 that I have.

I see a "final-3_2_1" on Github - is that what you're suggesting? It takes me a couple of hours (if I'm lucky) to download a full version out here. And I'd hate to risk replacing what I have which is mostly working... But I guess I could keep 3.2.0 available alongside that 3.2.1?

#5 - 2018-08-12 09:39 PM - Loren Amelang

- File SQL error 19297.JPG added

- File SQL error 19297 crash report.JPG added

I just remembered this issue and realized I now have 3.2.1 - so I tried the SQL query again. I was in a different QGIS project, but I was able to load the original file into my current project and repeat the query. It seems to me 3.2.1 has crashed in exactly the same way.

"SQL error 19297.JPG" shows the query and the error report. No message ever fills in, and mousing over the error dialog gets a wait cursor.

"SQL error 19297 crash report.JPG" shows the rest of QGIS with the crash report and id.

After the crash report and "restart QGIS", at the end of the reload of my "Recent Projects" screen, it showed several errors at the top of the project list area. It often shows such messages for such a short time I can't read even the one line that is visible.

The test file for my SQL query was:

C:\Users\loren\Giant Files\HEC-RAS Dam Break\QGIS Projects\TestProject\Profiles100-50-25LinesOnly\Profiles100-50-25.shp

I'm not sure if these are leftover from the crash, but I've never seen such reports at this point in QGIS operation:

```
2018-08-12T10:54:14 INFO QGIS Ready!
2018-08-12T10:54:15 WARNING Unable to load C:\Users\loren\Giant
2018-08-12T10:54:15 WARNING Unable to load C:\OSGeo4W64\bin\Files\HEC-RAS
2018-08-12T10:54:15 WARNING Unable to load C:\OSGeo4W64\bin\Dam
2018-08-12T10:54:15 WARNING Unable to load C:\OSGeo4W64\bin\Break\QGIS
```

So I tried a different SQL query on PostGIS tables, that I know works in pgAdmin4. Crash ID: 26a6ac7056ec4001ffdb66d4cdd268098d2a2145. Plus it took about ten times as long as pgAdmin4 execution before it crashed.

The reload showed even more strange error messages:

```
2018-08-12T11:34:43 INFO QGIS Ready!
2018-08-12T11:34:44 WARNING Unable to load C:\Users\loren\Giant
2018-08-12T11:34:44 WARNING Unable to load C:\OSGeo4W64\bin\Files\HEC-RAS
2018-08-12T11:34:44 WARNING Unable to load C:\OSGeo4W64\bin\Dam
2018-08-12T11:34:44 WARNING Unable to load C:\OSGeo4W64\bin\Break\QGIS
2018-08-12T11:34:44 WARNING Unable to load C:\Users\loren\Giant
2018-08-12T11:34:44 WARNING Unable to load C:\OSGeo4W64\bin\Files\HEC-RAS
2018-08-12T11:34:44 WARNING Unable to load C:\OSGeo4W64\bin\Dam
2018-08-12T11:34:44 WARNING Unable to load C:\OSGeo4W64\bin\Break\QGIS
```

The first crash report:

h2. User Feedback

Retrying #19297 in QGIS 3.2.1

Same problem!

h2. Report Details

Crash ID: 26a6ac7056ec4001ffdb66d4cdd268098d2a2145

Stack Trace

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QgsTask::cancel :
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PyObject_GenericGetAttr :
PyEval_EvalFrameDefault :
PyFunction_FastCallDict :
PyObject_CallFunctionObjArgs :
PyObject_Call :
PyInit__sip :
std::basic_string<char,std::char_traits<char>,std::allocator<char> >::shrink_to_fit :
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QObject::event :
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QEventDispatcherWin32::processEvents :
CallWindowProcW :
DispatchMessageW :
QEventDispatcherWin32::processEvents :
qt_plugin_query_metadata :
QEventLoop::exec :
QCoreApplication::exec :
main :
BaseThreadInitThunk :
RtlUserThreadStart :

QGIS Info

QGIS Version: 3.2.1-Bonn
QGIS code revision: commit:1edf372fb8
Compiled against Qt: 5.9.2
Running against Qt: 5.9.2
Compiled against GDAL: 2.2.4
Running against GDAL: 2.2.4

System Info

2025-04-27

CPU Type: x86_64
Kernel Type: winnt
Kernel Version: 10.0.17134

The second report:

h2. User Feedback

Re: #19297 Tried a SQL query that I know works in pgAdmin4

h2. Report Details

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Stack Trace

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QgsTask::processSubTasksForTermination :
QgsTask::cancel :
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PyCFunction_FastCallDict :
PyObject_GenericGetAttr :
PyEval_EvalFrameDefault :
PyFunction_FastCallDict :
PyObject_CallFunctionObjArgs :
PyObject_Call :
PyInit__sip :
std::basic_string<char,std::char_traits<char>,std::allocator<char> >::shrink_to_fit :
PyInit__core :
QgsTask::subTaskStatusChanged :
QMetaCallEvent::placeMetaCall :
QObject::event :
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QApplication::notify :
QgsApplication::notify :
QCoreApplication::notifyInternal2 :
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Running against GDAL: 2.2.4

System Info
CPU Type: x86_64
Kernel Type: winnt
Kernel Version: 10.0.17134

#6 - 2018-08-12 09:41 PM - Giovanni Manghi

- Status changed from Feedback to Open
- Affected QGIS version changed from 3.2 to 3.2.1

#7 - 2018-08-12 10:16 PM - Loren Amelang

- File Mystery project (not) in OSGeo4W64 after crash.JPG added

One more thing... After the crashes and reload, a strange project has appeared, both in the initial display screen and in the Open Recent menu. There is no "Projects" folder in OSGeo4W64. Perhaps this is the source of the "Unable to load" messages? I used the right-click remove option and it is now gone from both places.

#8 - 2018-11-08 01:31 PM - Giovanni Manghi

- Status changed from Open to Feedback

Please try on QGIS 3.4.1, if the issue is still valid change the affected version, thanks.

#9 - 2018-11-09 02:42 AM - Loren Amelang

Giovanni,

Sorry to abandon this, but I switched strategies and did my model entirely in HEC-RAS and RAS Mapper, and the report is off to the California DSOD, so I'm not likely to return to this issue. It was extremely obscure, me trying to work around a problem with the RiverGIS plugin, and I solved that one by using a pgAdmin4 query instead. Guess nobody else has run into this...

#10 - 2018-11-09 09:58 AM - Giovanni Manghi

- Status changed from Feedback to Open

Files			
Doc error on download page.JPG	111 KB	2018-07-21	Loren Amelang
SQL error 19297.JPG	138 KB	2018-08-12	Loren Amelang
SQL error 19297 crash report.JPG	224 KB	2018-08-12	Loren Amelang
Mystery project (not) in OSGeo4W64 after crash.JPG	120 KB	2018-08-12	Loren Amelang