QGIS Application - Bug report #18558
QGIS crash with SQL Server layer

2018-03-27 01:51 PM - Francisco Jose Campos Menendez

Status:	Closed			
Priority:	High			
Assignee:				
Category:	Data Provider/MSSQL			
Affected QGIS version:	3.2.1	**Regression?:**	Yes	
Operating System:	Windows 10	**Easy fix?:**	No	
Pull Request or Patch supplied:	No	**Resolution:**	fixed/implemented	
Crashes QGIS or corrupts data:	Yes	**Copied to github as #:**	26446	

Description

After accessing the layers from ODBC of SQL Server, when performing any zoom or selection of a layer element, it still closes.

User Feedback

Report Details

Crash ID: b34cac9fbb8037774af8927b08571505e2c24e0c

Stack Trace

```
RtlEnterCriticalSection :
SQLDisconnect :
SQLFetch :
QSqlDatabase::open :
isProvider :
isProvider :
QgsVectorLayerFeatureIterator::QgsVectorLayerFeatureIterator :
QgsVectorLayerFeatureSource::getFeatures :
QgsVectorLayerLabelProvider::registerFeature :
QgsMapRendererCustomPainterJob::doRender :
QgsMapRendererCustomPainterJob::staticRender :
QgsRenderContext::segmentationToleranceType :
QThreadPoolPrivate::reset :
QThread::start :
BaseThreadInitThunk :
RtlUserThreadStart :
```

QGIS Info
QGIS Version: 3.0.1-Girona
QGIS code revision: commit:a86bec25eb
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

History

#1 - 2018-03-28 07:48 PM - Francisco Jose Campos Menendez

In Windows 10 x86 work fine...

#2 - 2018-03-29 08:21 AM - Francisco Jose Campos Menendez

- Status changed from Open to Closed

The problem is with the ODBC SQL Server 17 driver, with the ODBC version of SQL Server 13 works fine in Windows 10 x64.

#3 - 2018-04-02 03:03 PM - Antony Zonato

Why is that marked as Closed? It should works with SQL Server 17 driver. I cannot use QGIS 3.0 or 3.1 as it is.

#4 - 2018-04-02 03:08 PM - Francisco Jose Campos Menendez

- Status changed from Closed to Reopened

Okay, you're right, I'll open it again. Thank you

#5 - 2018-04-02 03:17 PM - Antony Zonato

Thanks Francisco!

#6 - 2018-04-03 03:13 PM - Antony Zonato

Just to add some information. On my machine, it affects both 3.0 and 3.1. Regression should be set to yes, as it works fine with 2.18.16 and prior versions.

#7 - 2018-04-27 05:11 PM - Antony Zonato

Tested with 3.0.2, and it still crashes. Francisco, can you change the issue to "Regression = yes"? It worked with 2.18.

#8 - 2018-05-02 08:08 AM - Francisco Jose Campos Menendez

I'm sorry Antony Zonato but I don't know how to make that modification, how to change the issue?

#9 - 2018-05-02 03:22 PM - Antony Zonato

Hi Francisco. I wrote to Richard so that the regression status could be changed.

#10 - 2018-05-02 03:38 PM - Richard Duivenvoorde

- Regression? changed from No to Yes

You should be able to do that yourself, I always forget though how to open all this properties again. But I'm almost sure that you can just do that yourself, just like you can change the title then.

Anyway: changed to regression

#11 - 2018-05-02 04:02 PM - Antony Zonato

Richard Duivenvoorde wrote:

> *You should be able to do that yourself, I always forget though how to open all this properties again. But I'm almost sure that you can just do that*
> *yourself, just like you can change the title then.*
> *Anyway: changed to regression*

Only the creator of the issue or anyone? If I click on "Copy" it opens a new issue form where we can change all the fields. Normally, I guess that the "Edit" button would do the same thing, but with the current issue. Unfortunately, that is not the case, it just opens a text box so that we can comment. Is this a bug with redmine?

Antony

#12 - 2018-06-26 10:13 PM - Antony Zonato

Does exactly the same thing with 3.2.

Crash ID: b0ee67212954603a0166eb376a13b280632183af

Stack Trace

QSqlDatabase::open :
sourceSelectProviders :
sourceSelectProviders :
QgsVectorLayerFeatureIterator::QgsVectorLayerFeatureIterator :
QgsVectorLayerFeatureSource::getFeatures :
QgsVectorLayerLabelProvider::registerFeature :
QgsMapRendererParallelJob::renderLayerStatic :
QgsArchive::zip :
QgsImageOperation::overlayColor :
QgsImageOperation::flipImage :
QtConcurrent::ThreadEngineBase::run :
QThreadPoolPrivate::reset :
QThread::start :
BaseThreadInitThunk :
RtlUserThreadStart :

QGIS Info
QGIS Version: 3.2.0-Bonn
QGIS code revision: 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: 10.0.17134

I checked it with DebugView: here's what it is telling me after zooming / dezooming:

[4964] Warning: QSqlDatabasePrivate::removeDatabase: connection 'eeq-sql01.SIG.116' is still in use, all queries will cease to work.

[4964] Warning: "QODBCDriver::cleanup: Unable to free connection handle" Error: ""

[4964] Warning: "QODBCDriver::cleanup: Unable to free environment handle" Error: "[Microsoft][Gestionnaire de pilotes ODBC] Erreur de séquence de la fonction"

[4964] Warning: "QODBCResult::reset: Unable to allocate statement handle" Error: "[Microsoft][Gestionnaire de pilotes ODBC] Erreur de séquence de la fonction"

[4964] Warning: QSqlDatabasePrivate::addDatabase: duplicate connection name 'eeq-sql01.SIG.116', old connection removed.

[4964] Warning: QSqlQuery::exec: database not open

[4964] Warning: QSqlDatabasePrivate::removeDatabase: connection 'eeq-sql01.SIG.224' is still in use, all queries will cease to work.

[4964] Warning: "QODBCDriver::cleanup: Unable to free connection handle" Error: ""

[4964] Warning: "QODBCDriver::cleanup: Unable to free environment handle" Error: "[Microsoft][Gestionnaire de pilotes ODBC] Erreur de séquence de la fonction"

[4964] Warning: QSqlDatabasePrivate::addDatabase: duplicate connection name 'eeq-sql01.SIG.224', old connection removed.

I also installed 2 different dev version, 3.1 and 3.3 MASTER. Both versions does NOT cause this bug. The canvas is redrawned successfully each time.

#13 - 2018-08-06 04:57 PM - Antony Zonato

Same thing with 3.2.1.

#14 - 2018-08-06 05:10 PM - Giovanni Manghi
- Status changed from Reopened to Feedback
- Affected QGIS version changed from 3.1(master) to 3.2.1

Antony Zonato wrote:

> *Same thing with 3.2.1.*

is this about accessing to the server with ODBC or the native provider?

#15 - 2018-08-06 07:33 PM - Antony Zonato
- File 2018-08-06 13-09-04.png added

Can you tell me how to check for that? I'm using the default MSSQL connection prompt (see attachement)

#16 - 2018-08-06 07:35 PM - Giovanni Manghi

Antony Zonato wrote:

> *Can you tell me how to check for that? I'm using the default MSSQL connection prompt (see attachement)*

that is the native provider. The description of this ticket says "After accessing the layers from ODBC of SQL Server", but then the ticket was tagged as "mssql data provider".

#17 - 2018-08-06 08:41 PM - Antony Zonato

Then you are right, the problem is with the native provider. Also, I cannot wrap my mind about why it works with the 3.3 version and not with the official releases (3.1, 3.2.0, 3.2.1).

#18 - 2018-08-07 12:42 AM - Giovanni Manghi

Antony Zonato wrote:

> *Also, I cannot wrap my mind about why it works with the 3.3 version and not with the official releases (3.1, 3.2.0, 3.2.1).*

There is nothing strange: 3.3 is the next 3.4 to be. Is this fixed in 3.3? if yes this ticket must be closed. And by the way, any release that ends with an odd number is an official release, called "master".

#19 - 2018-08-07 05:12 PM - Antony Zonato

Of course, I understand that 3.3 is the next 3.4. But as stated in the last line of comment #12, I tested it with an earlier dev version and it worked. Then 3.2 came out and it stopped working. This is what I don't understand.

Antony

#20 - 2018-08-07 05:35 PM - Giovanni Manghi

Antony Zonato wrote:

> *Of course, I understand that 3.3 is the next 3.4. But as stated in the last line of comment #12, I tested it with an earlier dev version and it worked. Then 3.2 came out and it stopped working. This is what I don't understand.*

I don't do MSSQL server so I cannot be of much help with tests.

#21 - 2018-08-23 07:15 PM - Giovanni Manghi

- Priority changed from Normal to High
- Status changed from Feedback to Open

#22 - 2018-09-10 04:45 PM - Antony Zonato

I installed 3.2.2 and it looks like it is resolved. Good job to whoever fixed that.

Antony

#23 - 2018-09-10 05:20 PM - Giovanni Manghi

- Status changed from Open to Closed

- Resolution set to fixed/implemented

Files

2018-08-06 13-09-04.png	20.8 KB	2018-08-06	Antony Zonato