

QGIS Application - Bug report #15404

Hang when compiling complex expressions for mssql provider

2016-08-08 04:03 AM - Joachim Heilmann

Status: Closed	
Priority: High	
Assignee: Nyall Dawson	
Category: Data Provider/MSSQL	
Affected QGIS version: 3.2.2	Regression?: No
Operating System: Windows	Easy fix?: No
Pull Request or Patch applied: Yes	Resolution:
Crashes QGIS or corrupts data: Yes	Copied to github as #: 23334
Description	
<p>A QGIS-Project, that runs smooth with QGIS 2.8.X (32 or 64bit) makes QGIS 2.14.5 and 2.16.1 Crash immediately, when a certain rule based Symbol layer is rendered. No difference between 32 and 64bit this time.</p> <p>Our Project uses SQL Server 2012 spatial as datasource.</p> <p>To reproduce from attached files:</p> <ul style="list-style-type: none">- restore QGIS15404.bak to SQL Server 2012 or higher- unpack 214crash.qgs + SvgSymbols-Folder- edit 214crash.qgs in line 56 to adapt datasource to your Server- open 214crash.qgs with QGIS 2.8.X, it will display a couple of symbols- open 214crash.qgs with QGIS 2.14 or higher. It tries to load the one layer of the project (wait indicator is running infinitely, or at least 10 min, I haven't waited longer...) <p>As QGIS just hangs without a stack trace or anything, only crash information available seems to be Windows Error Report (WER), which is created after shooting off QGIS. See Folder ErrorLog in attachment.</p> <p>The Bug might have some relation with #15369. Much less classes though. Also, the layer works fine, if I use Database->Offline editing to export data to sqlite. So SQL Server connection seems to play a role.</p>	

Associated revisions

Revision f630c938 - 2018-10-08 05:09 AM - Nyall Dawson

[mssql] Fix inefficiencies in expression compiler, resulting in apparent hangs when compiling complex expressions

Fixes #15404

History

#1 - 2016-08-08 04:04 AM - Joachim Heilmann

- File QGIS15404.zip added

#2 - 2017-02-04 02:50 AM - Giovanni Manghi

- Priority changed from Normal to High

#3 - 2017-03-06 03:50 PM - Giovanni Manghi

- Category changed from Symbology to Data Provider/MSSQL

- Target version deleted (Version 2.14)

#4 - 2017-05-01 01:03 AM - Giovanni Manghi

- Easy fix? set to No

- Regression? set to No

#5 - 2018-10-02 10:42 PM - Nyall Dawson

- Description updated

- Status changed from Open to Feedback

Still an issue with 3.2?

#6 - 2018-10-05 03:30 PM - Joachim Heilmann

- Status changed from Feedback to Open

I just checked the described reproduction steps on 3.2.1-Bonn, and, yes, QGIS rendering still hangs on that layer. The general behaviour has changed, though. QGIS 3.2 does not hang completely, I can still add layers, even edit the properties of the broken layer, but the busy indicator left from the coordinate display is infinitely running and the map stays blank. The CPU load of qgis-bin.exe is between 80% and 100%, until the process is killed. So I'm afraid that, yes, it is still an issue with 3.2.

#7 - 2018-10-05 11:49 PM - Nyall Dawson

- Status changed from Open to Feedback

Just a hunch - can you verify that if you load each layer in turn into QGIS, that the correct crs for the layer is assigned?

#8 - 2018-10-06 10:48 AM - Giovanni Manghi

- Affected QGIS version changed from 2.14.5 to 3.2.2

#9 - 2018-10-08 03:21 AM - Nyall Dawson

- Subject changed from QGIS 2.14 hangs when rendering symbol layer to Hang when compiling complex expressions for mssql provider

- Status changed from Feedback to Open

Hmm - I can reproduce on master too

#10 - 2018-10-08 04:02 AM - Nyall Dawson

- Assignee set to Nyall Dawson

- Status changed from Open to In Progress

#11 - 2018-10-08 04:04 AM - Nyall Dawson

- Pull Request or Patch supplied changed from No to Yes

<https://github.com/qgis/QGIS/pull/8135>

#12 - 2018-10-08 05:08 AM - Nyall Dawson

- Status changed from In Progress to Closed

- % Done changed from 0 to 100

Applied in changeset commit:qgis|f630c93816d95fb7c85c718a332f3fd9043703f6.

Files

QGIS15404.zip	645 KB	2016-08-08	Joachim Heilmann
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