QGIS Application - Bug report #16296
Windows: Cannot use anymore d&d in DB Manager to import a layer from Spatialite in PostGIS

2017-03-06 08:53 AM - Giovanni Manghi

Status:	Closed			
Priority:	High			
Assignee:	Luigi Pirelli			
Category:	DB Manager			
Affected QGIS version:	2.18.13		**Regression?:**	Yes
Operating System:	Windows		**Easy fix?:**	No
Pull Request or Patch supplied:	Yes		**Resolution:**	
Crashes QGIS or corrupts data:	No		**Copied to github as #:**	24206

Description

This seems to happen only on **Windows** (both Standalone and osgeo4w) as on other platforms (Linux, macOS) seems ok.

The error is always like

"unable to load the layer LAYERNAME"

Unless I'm wrong this used to work as expected in the past.

The same layer once loaded in the canvas can be imported using the "import layer/file" tool in DB Manager.

Associated revisions

Revision 378ab23f - 2017-10-03 12:47 PM - Luigi Pirelli

fixed mimeUri x Spatialite and Geopackage. fixes #16296

Revision 5231ef64 - 2017-10-11 09:37 AM - Alessandro Pasotti

Merge pull request #5290 from boundlessgeo/issue_16296_ddErrorInDbManager_2.18

[db_manager] d&d fix from spatialite and geopackage: fixes #16296

History

#1 - 2017-03-06 09:01 AM - Giovanni Manghi

The same error shows when trying to import from GPKG to SL or PostGIS (and again only on Windows).

#2 - 2017-04-30 05:06 PM - Giovanni Manghi

- *Regression? set to Yes*

#3 - 2017-04-30 05:09 PM - Giovanni Manghi

- *Priority changed from Severe/Regression to High*

#4 - 2017-05-01 01:10 AM - Giovanni Manghi

- *Easy fix? set to No*

#5 - 2017-05-05 01:48 PM - Giovanni Manghi

- Affected QGIS version changed from 2.18.4 to 2.18.7

- Description updated

#6 - 2017-09-26 11:40 AM - Giovanni Manghi

- Subject changed from Cannot use anymore d&d to import a layer from Spatialite in PostGIS to Windows: Cannot use anymore d&d in DB Manager to import a layer from Spatialite in PostGIS

- Affected QGIS version changed from 2.18.7 to 2.18.13

#7 - 2017-09-29 12:21 PM - Luigi Pirelli

- Assignee set to Luigi Pirelli

#8 - 2017-09-29 12:21 PM - Luigi Pirelli

setting up a win 2.18 build to debug... in the meantime verifying on linux env

#9 - 2017-09-29 12:27 PM - Luigi Pirelli

please @giovanni add an exact procedure to replicate.

e.g. from what panel do you do d&d? from the same db manager? from layer panel? from a file? more datail and procedural steps are necessary

#10 - 2017-09-29 03:14 PM - Giovanni Manghi

- File Recording #1.mp4 added

screencast attached. The same operation works on Linux.

#11 - 2017-09-29 05:02 PM - Luigi Pirelli

Giovanni Manghi wrote:

> *screencast attached. The same operation works on Linux.*

not confirmed on OSGeo4W qgis-rel-dev (2.18.13) dragging a spatialite layer... on what disk the layer is available? a network disk?

#12 - 2017-10-02 04:49 PM - Francisco Raga

- File record16286.mp4 added

Confirmed using qgis-rel-dev (2.18.13-8) on windows 10.

video attached.

the .sqlite used : https://www.gaia-gis.it/spatialite-2.3.1/test-2.3.zip

and gpkg : http://www.geopackage.org/data/sample1_2.gpkg

the source for the exmaple gpkg is:

u'G:/16296/sample1_2.gpkg'

if load it from dbmanager:
u'D:/test/16296/sample1_2.gpkg|layername=counties'

#13 - 2017-10-02 08:23 PM - Luigi Pirelli

- File qgislog.txt added

From a log done by Giovanni Manghi the error is the QgsMimeDataUtils::decodeUriList method

..\..\..\..\..\..\src\core\qgsmimedatautils.cpp(111) : (QgsMimeDataUtils::decodeUriList) [15234ms]

vector:ogr:counties:C:/Users/gio/Desktop/sample1_2.gpkg|layername=counties

..\..\..\..\..\..\src\core\qgsmimedatautils.cpp(47) : (QgsMimeDataUtils::Uri::Uri) [16ms] encData:

vector:ogr:counties:C:/Users/gio/Desktop/sample1_2.gpkg|layername=counties

..\..\..\..\..\..\src\core\qgsmimedatautils.cpp(71) : (QgsMimeDataUtils::Uri::Uri) [15ms] type:vector key:ogr name:counties uri:C supportedCRS:

supportedFormats:

#14 - 2017-10-02 08:28 PM - Luigi Pirelli

the log is different in my case:

..\..\..\..\..\..\src\core\qgsmimedatautils.cpp(111) : (QgsMimeDataUtils::decodeUriList) [36333ms]

vector:spatialite:prova_giovanni:dbname='//vmware-host/Shared Folders/Desktop/data/issue_16296/prova_giovanni.sqlite' table="prova_giovanni"

(geometry) sql=

..\..\..\..\..\..\src\core\qgsmimedatautils.cpp(47) : (QgsMimeDataUtils::Uri::Uri) [15ms] encData:

vector:spatialite:prova_giovanni:dbname='//vmware-host/Shared Folders/Desktop/data/issue_16296/prova_giovanni.sqlite' table="prova_giovanni"

(geometry) sql=

..\..\..\..\..\..\src\core\qgsmimedatautils.cpp(71) : (QgsMimeDataUtils::Uri::Uri) [0ms] type:vector key:spatialite name:prova_giovanni

uri:dbname='//vmware-host/Shared Folders/Desktop/data/issue_16296/prova_giovanni.sqlite' table="prova_giovanni" (geometry) sql= supportedCRS:

supportedFormats:

due the fact that Desktop points to the host desktop in my VM

#15 - 2017-10-02 09:44 PM - Richard Duivenvoorde

@luigi: not sure if it is related, but in current master the Drag&Drop in the browser (also) segfaults my QGIS.

Test:
- load 2 shapefiles
- save one of them as gpkg in /tmp (all fine untill now)
- now in browser (or actually in the 'datamanager/onebutton') drag another shape into the gpkg
- with me it segfaults then

(not sure if it is related though)

    Warning 6: creation option '' is not formatted with the key=value format
    Warning 6: layer creation option '' is not formatted with the key=value format
    ERROR 6: The PNG driver does not support update access to existing datasets.

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ERROR 1: Random access not supported for /vsizip
ERROR 1: posix_spawnp() failed
QGIS died on signal 11[New LWP 18384]

[New LWP 18385]

[New LWP 18386]

[New LWP 18387]

[New LWP 18388]

[New LWP 18389]

[New LWP 18392]

[New LWP 18393]

[New LWP 18394]

[New LWP 18395]

[New LWP 18396]

[New LWP 18397]

[New LWP 18407]

[New LWP 18420]

[New LWP 18421]

[New LWP 18438]

warning: td_ta_new failed: generic error

warning: File "/usr/lib/x86_64-linux-gnu/libthread_db-1.0.so" auto-loading has been declined by your `auto-load safe-path' set to
"$debugdir:$datadir/auto-load".
To enable execution of this file add
    add-auto-load-safe-path /usr/lib/x86_64-linux-gnu/libthread_db-1.0.so
line to your configuration file "/home/richard/.gdbinit".
To completely disable this security protection add
    set auto-load safe-path /
line to your configuration file "/home/richard/.gdbinit".
For more information about this security protection see the
"Auto-loading safe path" section in the GDB manual. E.g., run from the shell:
    info "(gdb)Auto-loading safe path"

warning: Unable to find libthread_db matching inferior's thread library, thread debugging will not be available.
Cannot access memory at address 0x7f26d5724148

warning: Unable to find dynamic linker breakpoint function.
GDB will be unable to debug shared library initializers
and track explicitly loaded dynamic code.

warning: td_ta_new failed: generic error

warning: File "/usr/lib/x86_64-linux-gnu/libthread_db-1.0.so" auto-loading has been declined by your `auto-load safe-path' set to
"$debugdir:$datadir/auto-load".

warning: Unable to find libthread_db matching inferior's thread library, thread debugging will not be available.
Failed to read a valid object file image from memory.
Couldn't get registers: No such process.
[Current thread is 1 (LWP 18383)]
Couldn't get registers: No such process.
Couldn't get registers: No such process.

Python Exception <class 'gdb.error'> Couldn't get registers: No such process.:

Couldn't get registers: No such process.

/home/richard/bin/qgis: line 5: 18383 Killed   /home/richard/bin/qgis_all/master/debug/bin/qgis "$@"

#16 - 2017-10-02 10:28 PM - Luigi Pirelli

Richard, I can't say, btw Browser is completely different code respect Db Manager. Try to notify this issue to Alessando Pasotti or Even Rouault

Richard Duivenvoorde wrote:

> *@luigi: not sure if it is related, but in current master the Drag&Drop in the browser (also) segfaults my QGIS.*
>
> *Test:*
> *- load 2 shapefiles*
> *- save one of them as gpkg in /tmp (all fine untill now)*
> *- now in browser (or actually in the 'datamanager/onebutton') drag another shape into the gpkg*
> *- with me it segfaults then*
>
> *(not sure if it is related though)*
>
> *[...]*

#17 - 2017-10-03 04:54 PM - Luigi Pirelli

preparing PR

#18 - 2017-10-03 05:43 PM - Luigi Pirelli

- Pull Request or Patch supplied changed from No to Yes

PR https://github.com/qgis/QGIS/pull/5290

#19 - 2017-10-11 09:37 AM - Luigi Pirelli

- Status changed from Open to Closed

- % Done changed from 0 to 100

Applied in changeset commit:qgis|378ab23f4d8b2fc683d8d4f075aeae695c44bf8c.

Files

Recording #1.mp4	1 MB	2017-09-29	Giovanni Manghi
record16286.mp4	2.03 MB	2017-10-02	Francisco Raga
qgislog.txt	101 KB	2017-10-02	Luigi Pirelli