QGIS Application - Bug report #15498
SQLite/GPKG database locked during canvas refresh

2016-08-29 05:00 AM - Jakub Kosik

Status:	Closed		
Priority:	High		
Assignee:			
Category:	Data Provider/SpatiaLite		
Affected QGIS version:	2.18.13	**Regression?:**	Yes
Operating System:		**Easy fix?:**	No
Pull Request or Patch supplied:		**Resolution:**	
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	23422

Description

As above, during canvas refresh (only sqlite layers), when redraw isn't finished - hit "save edits" causes SQLite error "database is locked". Same error with python plugin and addFeatures directly into provider.

Problem tested on 2.14.3, 2.14.5, 2.14.6, there was no problems with 2.8

Associated revisions

Revision 8364b8d7 - 2017-10-05 06:03 PM - Luigi Pirelli

in case SQlite vectors wait end of rendering to avoid file lock: fixes #15498

Revision 63219239 - 2017-10-12 03:10 PM - Alessandro Pasotti

Merge pull request #5305 from boundlessgeo/issue_15498_waitRenederingEndToAvoidLock

for SQlite vectors wait rendering end to avoid file lock: fixes #15498

History

#1 - 2017-02-28 11:00 AM - Giovanni Manghi

- Target version set to Version 2.18

- Affected QGIS version changed from 2.14.5 to 2.18.4

Seen also on 2.18.4, geopackage seems not affected.

#2 - 2017-04-30 05:08 PM - Giovanni Manghi

- Regression? set to Yes

#3 - 2017-04-30 05:08 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 - 2017-09-26 11:47 AM - Giovanni Manghi

- Affected QGIS version changed from 2.18.4 to 2.18.13

- Description updated

#6 - 2017-10-04 12:49 PM - Luigi Pirelli

Ok, it can be a regression, but IMHO the behaviour is correct in this way respect allowing to write during rendering.

If layer is modified during rendering, theoretically rendering have to be invalidated. Stopping rendering is always possible with rendering checkbox in the bottom bar => the correct procedure would be:

1) stop rendering

2) save features

3) refresh

or

1) during save => stop rendering

2) save edit

3) refresh

the above would be a new feature that is not strictly necessary because of manual workaround.

can it be considered a low priority issue, and more, can it be considered a fix instead of a regression?

#7 - 2017-10-04 01:34 PM - Giovanni Manghi

Seen also for GPKGs.

#8 - 2017-10-04 01:34 PM - Giovanni Manghi

- Subject changed from SQLite database locked during canvas refresh to SQLite/GPKG database locked during canvas refresh

#9 - 2017-10-04 01:35 PM - Giovanni Manghi

Luigi Pirelli wrote:

> *Ok, it can be a regression, but IMHO the behaviour is much more correct in hti sway that allowing to werite during rendering.*
>
> *In layer is modified during rendering, theoretically rendering have to be invalidated. Stopping rendering is always possible with rendering checkbox in the bottom bar => trhe correct procedure would be:*
>
> *1) stop rendering*
>
> *2) save features*
>
> *3) refresh*
>
>
> *or*
>
>
> *1) during save => stop rendering*
>
> *2) save edit*
>
> *3) refresh*
>
>
> *the above would be a new feature that not strictly necessary because of manual workaround.*
>
>
> *can be it considered a high priority issue and more can be considered a regression or better fix on a not correct behaviour on 2.14?*

Luigi, I'm really not sure. I suggest to ask this in the dev list for a wider feeeback.

#10 - 2017-10-12 03:10 PM - Luigi Pirelli

- Status changed from Open to Closed

- % Done changed from 0 to 100

Applied in changeset commit:qgis|8364b8d715fe8cf8d057c05f5a898c22232a47a2.