QGIS Application - Bug report #20010
Abnormal RAM usage by geometry check

2018-10-04 07:36 AM - Antonio Viscomi

Status:	Closed			
Priority:	High			
Assignee:				
Category:	C++ plugins/Geometry Checker			
Affected QGIS version:	3.2.3	**Regression?:**	Yes	
Operating System:		**Easy fix?:**	No	
Pull Request or Patch supplied:		**Resolution:**	invalid	
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	27832	

Description

Hi all,

I must perform geometry check in a polygon layer...

I setup the checker than I observe a Ram usage of about 30GB

I attach two screenshots

Best regards

History

#1 - 2018-10-04 04:06 PM - Giovanni Manghi

- Status changed from Open to Feedback

Why is tagged as a regression? You does not observe this leak in previous releases like 2.18?

#2 - 2018-10-04 04:38 PM - Antonio Viscomi

Giovanni Manghi wrote:

> *Why is tagged as a regression? You does not observe this leak in previous releases like 2.18?*

in 2.18 it not works properly with the same file

in previous version of QGIS 3 (but with only 16GB of ram) it worked fine (ram usage about 6-7GB)

#3 - 2018-10-04 08:50 PM - Giovanni Manghi

> *in previous version of QGIS 3 (but with only 16GB of ram) it worked fine (ram usage about 6-7GB)*

same input file and parameters?

#4 - 2018-10-04 09:35 PM - Antonio Viscomi

Input file is huge but I can provide it Tomorrow,

For settings in geometry checker how should I can share them?
With a screenshot?

#5 - 2018-10-04 09:57 PM - Antonio Viscomi

Here are the data i tried to check

https://drive.google.com/file/d/16_PNEWJvXyU0gLig1AncZptZ4OVlCXM-/view?usp=sharing

#6 - 2018-10-04 09:58 PM - Antonio Viscomi

Let me know how i can share settings

#7 - 2018-10-04 10:10 PM - Giovanni Manghi

Antonio Viscomi wrote:

> *Input file is huge but I can provide it Tomorrow,*
> *For settings in geometry checker how should I can share them?*
> *With a screenshot?*

that was not my question: I asked if the difference in RAM usage amount was noticed using the very same input and configurations in the two QGIS versions you describe.

The dataset is anyway useful, thanks.

#8 - 2018-10-04 10:21 PM - Antonio Viscomi

Ok the settings in Italian language are in screenshots attached

Thanks a lot

#9 - 2018-10-04 10:29 PM - Antonio Viscomi

Giovanni Manghi wrote:

> *Antonio Viscomi wrote:*
>
> > *Input file is huge but I can provide it Tomorrow,*
> > *For settings in geometry checker how should I can share them?*
> > *With a screenshot?*
>
> *that was not my question: I asked if the difference in RAM usage amount was noticed using the very same input and configurations in the two QGIS versions you describe.*
>
> *The dataset is anyway useful, thanks.*

Yes dataset is the same in previous and current version (qgis3)

for qgis2 when i launch the check qgis it crashes and it shut down

#10 - 2018-10-04 10:32 PM - Antonio Viscomi

Antonio Viscomi wrote:

> *Giovanni Manghi wrote:*
>
> > *Antonio Viscomi wrote:*
> >
> > > *Input file is huge but I can provide it Tomorrow,*
> > > *For settings in geometry checker how should I can share them?*
> > > *With a screenshot?*
> >
> > *that was not my question: I asked if the difference in RAM usage amount was noticed using the very same input and configurations in the two QGIS versions you describe.*
> >
> > *The dataset is anyway useful, thanks.*
>
> *Yes dataset is the same in previous and current version (qgis3)*
> *for qgis2 when i launch the check qgis it crashes and it shut down*

Parameters are also the same

#11 - 2018-10-05 03:40 PM - Antonio Viscomi

Today I've retry to perform geometry check with the same parameter and the same data
but with a clean user profile

well: the RAM usage was back to normal at about 6.7GB then I suppose that my old corrupt profile caused abnormal usage

than this ticket could be closed

thanks a lot for your attention

#12 - 2018-10-06 10:54 AM - Giovanni Manghi

- Resolution set to invalid

- Status changed from Feedback to Closed

Files

IMG_20181004_073503_012.jpg	203 KB	2018-10-04	Antonio Viscomi
IMG_20181004_073459_401.jpg	219 KB	2018-10-04	Antonio Viscomi