

QGIS Application - Bug report #16577

Extremely slower time to open attribute table in 2.18.7 compared to 2.14.14

2017-05-18 11:23 PM - Giovanni Manghi

Status:	Closed	
Priority:	High	
Assignee:		
Category:	Attribute table	
Affected QGIS version:	2.18.7	Regression?: Yes
Operating System:		Easy fix?: No
Pull Request or Patch supplied:		Resolution: fixed/implemented
Crashes QGIS or corrupts data:		Copied to github as #: 24479
Description		
<p>This could be related to #16239 and/or #15752</p> <p>I have tested a 758719 polygon features on 2.18.7 (no debug output) and to open the table it takes over 6 minutes!</p> <p>The same table on 2.14.14 (no debug output) open in a few seconds.</p> <p>Can provide the dataset.</p> <p>Rendering time is very similar.</p>		
Related issues:		
Related to QGIS Application - Bug report # 16239: master: (much) slower rende...		Closed 2017-02-27
Related to QGIS Application - Bug report # 15752: Degradation of rendering pe...		Closed 2016-10-25

Associated revisions

Revision b97a980b - 2017-05-22 11:07 AM - Nyal Dawson

Greatly speed up attribute table loading

Don't advise for rows added when a model reset is in progress.

Otherwise the rows are tested for sort order, etc triggering a bunch of useless calculations, given that the model is in the process of being reset anyway.

Tested using a 150k point shapefile, decreased attribute table load times from 50+ seconds to 4 seconds.

Refs #16577, #16239

Revision ebd3e0d7 - 2017-05-23 01:35 AM - Nyal Dawson

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(forward port from b97a980b99a32f7cbbb8cc32ac6a781246df1171)

Revision 0b95c776 - 2017-05-23 01:59 AM - Nyall Dawson

Don't prefetch attribute table sort values when no sorting set

Shaves some seconds off opening the attribute table in certain circumstances (no sorting applied)

Refs #16577, #16239

Revision 4acc4805 - 2017-05-23 08:05 AM - Nyall Dawson

Don't prefetch attribute table sort values when no sorting set

Shaves some seconds off opening the attribute table in certain circumstances (no sorting applied)

Drops load time for table from 100 seconds to 50 seconds for a 2.6 million feature shapefile, and from 6.5 seconds to 3.5 seconds for a 160k feature shapefile.

Refs #16577, #16239

(cherry-picked from 0b95c77)

History

#1 - 2017-05-19 07:59 AM - Alessandro Pasotti

Is that a point release build or a particular commit?

#2 - 2017-05-19 08:56 AM - Jürgen Fischer

- *Description updated*

#3 - 2017-05-19 08:56 AM - Jürgen Fischer

- *Related to Bug report #16239: master: (much) slower rendering (and attribute table opening) time compared to 2.18.4 added*

#4 - 2017-05-19 08:56 AM - Jürgen Fischer

- *Related to Bug report #15752: Degradation of rendering performances in MSSQL provider added*

#5 - 2017-05-19 09:47 AM - Giovanni Manghi

Alessandro Pasotti wrote:

| *Is that a point release build or a particular commit?*

qgis 2.14.14 and 2.18.7 as installed by a normal user from osgeo4w under a **clean** Windows 7 environment.

Same observation on Ubuntu Linux from qgis repositories (the ones using also ubuntuGIS).

#6 - 2017-05-20 09:33 PM - Giovanni Manghi

see also:

<https://lists.osgeo.org/pipermail/qgis-psc/2017-May/005258.html>

#7 - 2017-05-25 12:36 AM - Nyal Dawson

- *Resolution set to fixed/implemented*
- *Status changed from Open to Closed*

A bunch of fixes have been implemented in master and 2.18 which restore the performance to 2.14.0 levels