

QGIS Application - Bug report #14764

Commit "Pass the full ogr data source URI as connInfo in QgsConnectionPool_ConnectionCreate" cancels the benefits of OGR connection pooling

2016-05-04 06:31 AM - Even Rouault

Status:	Closed	
Priority:	Normal	
Assignee:	Sandro Mani	
Category:	Data Provider/OGR	
Affected QGIS version:	2.14.2	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:		Resolution:
Crashes QGIS or corrupts data:		Copied to github as #: 22721
Description		
<p>commit:79493ea, done per #14560, (that was also cherry picked in 2.14 branch as commit:c913e83, and got in the 2.14.2 OSGeo4W Windows binaries despite being after the git final-2_14_2 tag, as OSGeo4W 2.14.2-1 is actually built from commit:f5763f0 as the help dialog box confirms it) has the side effect of disabling in practice the benefits of OGR connection pooling added in commit:b4f4663. That can be seen by a lot of dataset opening and closing with CPL_DEBUG=ON when scrolling through the attribute table, or zooming-in/out/panning on the map canvas.</p> <p>The reason is that QgsOgrProvider::QgsOgrProvider() calls QgsOgrConnPool::instance()->ref() / unref() on the filepath whereas QgsOgrFeatureSource on the datasource URI.</p> <p>(I'm wondering if another option to commit:79493ea would have perhaps just be to call OGR_L_ResetReading(ogrlayer) after acquiring the connection and the layer)</p>		

History

#1 - 2016-05-04 06:38 AM - Jürgen Fischer

- Category set to Data Provider/OGR

#2 - 2016-05-04 06:45 AM - Sandro Mani

Argh. Thanks for reporting this.

As a quick fix, I've submitted <https://github.com/qgis/QGIS/pull/3057>.

I'll need to look at OGR_L_ResetReading(ogrlayer).

#3 - 2016-05-04 11:58 AM - Sandro Mani

- Status changed from Open to Closed

Fixed in master and backported to 2.14 branch.

#4 - 2016-05-05 01:14 AM - Jürgen Fischer

OSGeo4W packages rebuilt from tag and standalone installers updated (2.14.2-2)