

QGIS Application - Bug report #17087

WFS provider deadlock (freezes forever waiting for mMutex to unlock)

2017-08-29 03:58 PM - Alessandro Pasotti

Status:	Closed	
Priority:	High	
Assignee:	Even Rouault	
Category:	Web Services clients/WFS	
Affected QGIS version:	master	Regression?: No
Operating System:	Ubuntu 16.04 LTS	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution:
Crashes QGIS or corrupts data:	No	Copied to github as #: 24986
Description		
Steps to reproduce:		
- a WFS endpoint is needed (tested with both geoserver and qgis server with same results) - connect to the WFS server and load a layer in QGIS - from the python console get the publicSource of the layer , for example with iface.currentLayer().publicSource() (in the example below it is 'restrictToRequestBBOX='1' srsname='EPSG:4326' typename='world' <pre>url='http://localhost:8081/cgi-bin/qgis_mapserv.fcgi?MAP=/web/projects/helloworld.qgs' version='auto' table='' sql=''</pre> - from the python console inside QGIS (change the source to your valid WFS public source) <pre>vl = QgsVectorLayer('restrictToRequestBBOX='1' srsname='EPSG:4326' typename='world' url='http://localhost:8081/cgi-bin/qgis_mapserv.fcgi?MAP=/web/projects/helloworld.qgs' version='auto' table='' sql=', 'mywfs', 'WFS'); QgsProject.instance().addMapLayers([vl]) and [f for f in vl.dataProvider().getFeatures()]</pre>		
Expected behavior:		
- QGIS loads the layer in the canvas		
Actual behavior:		
- QGIS freezes forever		
Related issues:		
Related to QGIS Application - Bug report # 17019: Off-line editing does not w...		Feedback 2017-08-15

Associated revisions

Revision e5b11d42 - 2017-08-29 07:18 PM - Alessandro Pasotti

Merge pull request #5085 from boundlessgeo/wfs_mutex_offline

Offline editing: workaround for bug 17087 deadlock

Revision 75c41f5e - 2017-11-09 12:42 PM - Even Rouault

[WFS provider] Fix deadlock when adding WFS layer to project from Python console (fixes #17087)

Revision 505e3659 - 2017-11-09 01:00 PM - Even Rouault

[WFS provider] Fix deadlock when adding WFS layer to project from Python console (fixes #17087)

History

#1 - 2017-08-29 04:09 PM - Alessandro Pasotti

- *Regression? changed from Yes to No*

It also affects 2.18

```
vl = iface.addVectorLayer('user=\'admin\' restrictToRequestBBOX=\'1\' srsname=\'EPSG:4326\' typename=\'opengeo:countries\'
url=\'http://localhost:8080/geoserver/wfs\' version=\'auto\' table=\'\' sql=\', \'mywfs\', \'WFS\'); [f for f in vl.dataProvider().getFeatures()]
```

#2 - 2017-08-29 04:30 PM - Alessandro Pasotti

QGIS Server Docker to reproduce the issue:

<https://github.com/elpaso/qgis-server-docker>
docker pull elpaso/qgis-server-docker

#3 - 2017-08-29 04:34 PM - Alessandro Pasotti

See also #17019 (for the master freeze)

#4 - 2017-08-29 09:21 PM - Jürgen Fischer

- *Related to Bug report #17019: Off-line editing does not work with WFS-T layers with mixed simple and multi geoms added*

#5 - 2017-09-05 09:23 PM - Even Rouault

- *Assignee set to Even Rouault*

#6 - 2017-11-09 12:42 PM - Even Rouault

- *% Done changed from 0 to 100*
- *Status changed from Open to Closed*

Applied in changeset commit:qgis|75c41f5e18f32dcf3ce7fd7c13b3838e8e7912db.

Files

stacktrace.txt	80.5 KB	2017-08-29	Alessandro Pasotti
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