QGIS Application - Bug report #20098
getFeatures() can't be run twice on an OSM file

2018-10-13 02:30 AM - Etienne Trimaille

Status:	Closed		
Priority:	Normal		
Assignee:	Even Rouault		
Category:	Data Provider/OGR		
Affected QGIS version:	3.3(master)	**Regression?:**	Yes
Operating System:		**Easy fix?:**	No
Pull Request or Patch supplied:	No	**Resolution:**	
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	27920

Description

Since this commit https://github.com/qgis/QGIS/commit/f410b4a4da07463a25786045b107282dffabf1bd, the python iterator getFeatures() can't be run twice on an OSM file:

```
l = QgsVectorLayer('/tmp/request-jY9056.osm|layername=multipolygons', "test", "ogr")
print('first loop')
for f in l.getFeatures():
    print(f.id())

print('second loop')

for f in l.getFeatures():
    print(f.id())

print('end loops')
```

It gives:

```
exec(open('/home/etienne/quickosm.py'.encode('utf-8')).read())
first loop
65738329
65739173
65744728
65759782
second loop
end loops
```

It was working fine the commit before.

This breaks the QuickOSM plugin: https://github.com/3liz/QuickOSM/issues/125

Thanks

Associated revisions

Revision 906f8021 - 2018-10-14 12:43 PM - Even Rouault

[OGR provider] Make again a feature iterator to be resetable on a OSM layer (fixes #20098)

Revision b777ab23 - 2018-10-15 11:09 AM - Even Rouault

Merge pull request #8184 from rouault/fix_20098

[OGR provider] Make again a feature iterator to be resetable on a OSM layer (fixes #20098)

History

#1 - 2018-10-13 02:40 AM - Etienne Trimaille

Using GDAL/OGR 2.2.3 on Ubuntu 18.04

#2 - 2018-10-13 08:58 AM - Even Rouault

- Assignee set to Even Rouault

#3 - 2018-10-14 12:44 PM - Even Rouault

https://github.com/qgis/QGIS/pull/8184

#4 - 2018-10-15 11:09 AM - Even Rouault

- % Done changed from 0 to 100

- Status changed from Open to Closed

Applied in changeset commit:qgis|906f80219f726ce36d8a23fb758938bdf8a75db1.

Files

request-jY9056.osm	6.43 KB	2018-10-13	Etienne Trimaille