

QGIS Application - Bug report #19625

OGR PBF dataset crashes QGIS

2018-08-15 05:05 AM - Mathieu Pellerin - nIRV

Status: Priority: Assignee: Category: Affected QGIS version: Operating System: Pull Request or Patch supplied: Crashes QGIS or corrupts data:	Closed High Data Provider/OGR 3.3(master) No No fixed/implemented Yes	Regression?: Easy fix?: Resolution: Copied to github as #:	No No fixed/implemented 27452
Description Steps to reproduce 1. Launch QGIS, and make sure the style dock panel is open 2. In a new/blank project, and add the "lines" and "multipolygons" layers from this PBF dataset (https://www.dropbox.com/s/2atn0n2as4eyyc8/f_small.osm.pbf?dl=0) 3. Zoom onto the canvas a bit, and while the layers are rendering, switch the focused layer to the one that isn't selected (in the layers panel) 4. boom QGIS dies gdb trace Thread 1 "qgis" received signal SIGSEGV, Segmentation fault. 0x00007ffff5fcb52a in QgsAbstractFeatureSource::~QgsAbstractFeatureSource (this=0x55555d718e10, __in_chrg=<optimized out>) at /home/webmaster/dev/cpp/QGIS/src/core/qgsfeaturerequest.cpp:324 325 it->close(); (gdb) where #0 0x00007ffff5fcb52a in QgsAbstractFeatureSource::~QgsAbstractFeatureSource() (this=0x55555d718e10, __in_chrg=<optimized out>) at /home/webmaster/dev/cpp/QGIS/src/core/qgsfeaturerequest.cpp:324 #1 0x00007ffffb0e77570 in QgsOgrFeatureSource::~QgsOgrFeatureSource() (this=0x55555d718e10, __in_chrg=<optimized out>) at /home/webmaster/dev/cpp/QGIS/src/providers/ogr/qgsogrfeatureiterator.cpp:490 #2 0x00007ffffb0e775a4 in QgsOgrFeatureSource::~QgsOgrFeatureSource() (this=0x55555d718e10, __in_chrg=<optimized out>) at /home/webmaster/dev/cpp/QGIS/src/providers/ogr/qgsogrfeatureiterator.cpp:493 #3 0x00007ffff627636a in QgsVectorLayerFeatureSource::~QgsVectorLayerFeatureSource() (this=0x55555d4abfe0, __in_chrg=<optimized out>) at /home/webmaster/dev/cpp/QGIS/src/core/qgsvectorlayerfeatureiterator.cpp:92 #4 0x00007ffff6276440 in QgsVectorLayerFeatureSource::~QgsVectorLayerFeatureSource() (this=0x55555d4abfe0, __in_chrg=<optimized out>) at /home/webmaster/dev/cpp/QGIS/src/core/qgsvectorlayerfeatureiterator.cpp:93 #5 0x00007ffff627bf36 in QgsAbstractFeatureIteratorFromSource<QgsVectorLayerFeatureSource>::~QgsAbstractFeatureIteratorFromSource() (this=0x55555a545980, __in_chrg=<optimized out>) at /home/webmaster/dev/cpp/QGIS/src/core/qgsfeatureiterator.h:247			

Associated revisions

[ogr provider] disable connection timeouts (fixes #19625 et cie)

History

#1 - 2018-08-15 05:14 AM - Mathieu Pellerin - nIRV

If the feature fetching code in QgsSymbolSelectorDialog's constructor is disabled (see <https://github.com/qgis/QGIS/blob/master/src/gui/symbology/qgssymbolselectordialog.cpp#L257>), the crash doesn't happen.

#2 - 2018-08-15 05:18 AM - Mathieu Pellerin - nIRV

I can narrow the cause of the crash. If I only remove the timeout part of the feature request (<https://github.com/qgis/QGIS/blob/master/src/gui/symbology/qgssymbolselectordialog.cpp#L257>), the crash disappears.

Nyall, this is a recent change you applied. Any chance we could revert this please (band-aid), or investigate why the timeout on this OGR PBF dataset creates a crasher? :)

#3 - 2018-08-15 06:35 AM - Mathieu Pellerin - nIRV

PR coming, crash (and other regressions caused by the setConnectionTimeout) is due to OGR connections not properly handling timeouts ATM. PR will disable timeouts for OGR datasets.

#4 - 2018-08-15 08:48 AM - Mathieu Pellerin - nIRV

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

Applied in changeset commit:qgis|dd86dfe6099239f6ecec7c7ffb42dbe46c1052c.

#5 - 2018-08-15 10:37 AM - Giovanni Manghi

- Resolution set to fixed/implemented