QGIS Application - Bug report #21856
QGIS crashed while using QgsVectorFileWriter

2019-04-15 10:04 PM - Bill Mitchell

Status:	Closed			
Priority:	High			
Assignee:	Alessandro Pasotti			
Category:	Vectors			
Affected QGIS version:	3.7(master)	**Regression?:**	No	
Operating System:		**Easy fix?:**	No	
Pull Request or Patch supplied:		**Resolution:**	fixed/implemented	
Crashes QGIS or corrupts data:		**Copied to github as #:**	29671	

Description

QGIS consistently crashes when I run the following script in the Python console.

```
from qgis.core import (
    QgsVectorLayer,
    QgsField, QgsFields,

    # QgsFeatureSource,
    # QgsFeatureSink,
    # QgsProject,
    QgsWkbTypes,
    QgsVectorFileWriter,
)

baseDir = "/Users/mitchell/Dropbox/python/import_gpx"
gpxFile = f"{baseDir}/../gps/Waypoints_01-MAR-18.gpx"

sourceLayer = QgsVectorLayer(gpxFile, "testFile", "GPX")

error, errormsg = QgsVectorFileWriter.writeAsVectorFormat(
    layer=sourceLayer,
    fileName="test.gpkg",
    fileEncoding="utf-8",
    destCRS=QgsCoordinateReferenceSystem('EPSG:4326'),
    driverName="GPKG",
    )
if error:
    print(f"{error} --- {errormsg}")
```

I have attached the crash report.

Associated revisions

Revision e8a7d0e9 - 2019-04-16 01:27 PM - Alessandro Pasotti

Guard vector file writer against invalid layers

instead of crashing.

Fixes #21856

Funded by: QCooperative.net

Revision 0415c619 - 2019-04-16 01:27 PM - Alessandro Pasotti

Guard vector file writer against invalid layers

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Funded by: QCooperative.net

Revision 911c3182 - 2019-04-16 01:27 PM - Alessandro Pasotti

Guard vector file writer against invalid layers

instead of crashing.

Fixes #21856

Funded by: QCooperative.net

Revision adb646fc - 2019-04-22 03:02 AM - Alessandro Pasotti

Guard vector file writer against invalid layers

instead of crashing.

Fixes #21856

Funded by: QCooperative.net

Revision d3a93c5a - 2019-05-11 09:55 AM - Alessandro Pasotti

Guard vector file writer against invalid layers

instead of crashing.

Fixes #21856

Funded by: QCooperative.net

History

#1 - 2019-04-15 11:45 PM - Giovanni Manghi

- Priority changed from Normal to High

#2 - 2019-04-16 08:52 AM - Alessandro Pasotti

- Operating System deleted (mac osx mohave (10.14.4))

- Affected QGIS version changed from 3.6.1 to 3.7(master)

- Assignee set to Alessandro Pasotti

- Status changed from Open to In Progress

- Category changed from Python bindings / sipify to Vectors

- Crashes QGIS or corrupts data changed from Yes to No

This is wrong and will produce an invalid layer (there is not "GPX" provider, use "ogr" instead):

    sourceLayer = QgsVectorLayer(gpxFile, "testFile", "GPX")

btw, a crash is not nice.

#3 - 2019-04-16 01:33 PM - Alessandro Pasotti

- Resolution set to fixed/implemented

- Pull Request or Patch supplied changed from No to Yes

PR https://github.com/qgis/QGIS/pull/9790

#4 - 2019-04-17 08:21 AM - Alessandro Pasotti

- Status changed from In Progress to Closed

- % Done changed from 0 to 100

Applied in changeset commit:qgis|e8a7d0e979057e055efd6bf023bf076c2721a3cd.

Files

crash-report.text	123 KB	2019-04-15	Bill Mitchell