

QGIS Application - Bug report #4995

Empty KML file products 'not a valid or recognized data source'

2012-02-13 04:13 AM - Oliver Snowden

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:		
Affected QGIS version:	master	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:	No	Resolution: invalid
Crashes QGIS or corrupts data:	No	Copied to github as #: 14776
Description		
<p>The attached KML code validates at http://kmlvalidator.com/. Clearly the file does not contain any geometries <i>but</i> a user probably doesn't know this. In Google Earth the file is added correctly (albeit without any points etc.).</p>		

History

#1 - 2012-02-13 04:15 AM - Oliver Snowden

Empty KML file **produces** 'not a valid or recognized data source'

#2 - 2012-02-13 04:22 AM - Giovanni Manghi

- Status changed from Open to Feedback

can you read/translate the same kml file directly using the OGR library?

#3 - 2012-02-13 05:39 AM - Oliver Snowden

It appears that we cannot access this file from ogr2ogr:

```
$ ogr2ogr -f "KML" -s_srs "EPSG:4326" empty_test.kml -t_srs "EPSG:4326" empty.kml
```

ERROR 4: No layers in KML file: empty.kml.

FAILURE:

Unable to open datasource `empty.kml' with the following drivers.

-> ESRI Shapefile

-> MapInfo File

...

Whereas a file with data in returns a result such as:

```
$ ogr2ogr -f "KML" -s_srs "EPSG:4326" empty_test.kml -t_srs "EPSG:4326" test.kml
```

Warning 1: Layer name 'Layer #0' adjusted to 'Layer__0' for XML validity.

#4 - 2012-02-13 06:04 AM - Giovanni Manghi

- Status changed from Feedback to Closed

- Resolution set to invalid

Hi,

then is a OGR issue, not a QGIS one.

#5 - 2012-02-13 06:41 AM - Oliver Snowden

Thanks, I take you point. Obviously it would be nice if there was a mechanism to push this upstream.

Agreed that this particular issue is very minor. End users, unfortunately, view these problems as issues with QGIS and is quite damaging to their impression of the software. Whilst changes are just a commit away, the sorts of end users I come across would only be able to provide relatively small monetary donations. Perhaps this could be food for thought in the future as I see you have bounties on other issues.

#6 - 2012-02-13 06:44 AM - Giovanni Manghi

Oliver Snowden wrote:

Thanks, I take you point. Obviously it would be nice if there was a mechanism to push this upstream.

there is, the GDAL/OGR bug tracker

<http://trac.osgeo.org/gdal/>

Agreed that this particular issue is very minor. End users, unfortunately, view these problems as issues with QGIS and is quite damaging to their impression of the software. Whilst changes are just a commit away, the sorts of end users I come across would only be able to provide relatively small monetary donations. Perhaps this could be food for thought in the future as I see you have bounties on other issues.

You are right, but in this particular case I think (I may be wrong) that there is not much to do if not report the issue upstream, check if eventually is fixed in a recent release of gdal like the 1.9 (or trunk) and/or push/support the fixing of such bug.

#7 - 2012-02-13 09:12 AM - Alexander Bruy

Confirmed with GDAL 1.9.0. Submitted to GDAL bugtracker <http://trac.osgeo.org/gdal/ticket/4511>

Files

empty.kml	1.95 KB	2012-02-13	Oliver Snowden
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