

QGIS Application - Bug report #18370

Save an empty layer to GeoJSON drop all fields

2018-03-07 10:49 AM - Etienne Trimaille

Status: Closed	
Priority: Normal	
Assignee:	
Category: Data Provider	
Affected QGIS version: 3.1(master)	Regression?: No
Operating System:	Easy fix?: No
Pull Request or Patch supplied:	Resolution: invalid
Crashes QGIS or corrupts data:	Copied to github as #: 26260

Description

I could replicate this issue on both QGIS 2.18 and 3.1, with Python script and using the UI.

If I create an empty memory layer and if I save to geojson, then all my fields are lost:

The python code shows the problem:

```
v = QgsVectorLayer('Point?crs=epsg:4326&field=id:integer&field=name:string(20)', 'test', 'memory')
print(v.isValid())
print(v.fields().count())

path = '/tmp/test_geojson.geojson'
QgsVectorFileWriter.writeAsVectorFormat(v, path, 'utf-8', v.crs(), 'GeoJSON')
export_layer = QgsVectorLayer(path, 'exported', 'ogr')
print(export_layer.isValid())
print(export_layer.fields().count())
```

It will output on both QGIS 2 and 3:

```
True
2
True
0
```

I hope it's not some layer/dataset creation option. I looked in the OGR documentation too. Nothing I could notice.

This is an issue because I expect to have the same attribute table.

History

#1 - 2018-03-07 11:51 AM - Etienne Trimaille

Well, it seems it's not a bug. Because attributes in GeoJSON are defined at the feature level, not at the layer level. So obviously, if no features, then no attribute table.

#2 - 2018-03-07 01:26 PM - Nyal Dawson

- Resolution set to invalid
- Status changed from Open to Closed

Files

Screen Shot 2018-03-07 at 10.45.18.png	181 KB	2018-03-07	Etienne Trimaille
--	--------	------------	-------------------