QGIS Application - Bug report #17103
QgsRasterFileWriter fails to export raster into a geopackage

2017-09-04 05:10 PM - Alessandro Pasotti

Status:	Closed			
Priority:	Normal			
Assignee:	Even Rouault			
Category:	Rasters			
Affected QGIS version:	master	**Regression?:**	No
Operating System:		**Easy fix?:**	No
Pull Request or Patch supplied:	No	**Resolution:**	
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	25002

Description

Destination tables are created but they are empty.

See comments in https://github.com/qgis/QGIS/pull/5057#issuecomment-323992656

And a failing test case in:

https://github.com/boundlessgeo/QGIS/commit/e4a81d277658d19557b76115870ab3ed9164f1cc#diff-9a0fc019f23587c8baa0bdb3ba9fbad

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Associated revisions

Revision c3e15f52 - 2017-11-09 03:22 PM - Even Rouault

[GDAL provider] in create(), use newly create dataset handle to instanciate the provider (fix #17103)

Previously we created an empty file, close it and re-opened it immediately in open mode.
However for GeoPackage, if you create for example a 1 band or 3 band dataset, upon reopening
you get a 4 band RGBA dataset, due to the fact that GeoPackage doesn't explicitly store the
number of bands. Thus the 4th band (alpha) was never written by the QgsRasterFileWriter logic.

Revision d00efde2 - 2017-11-09 04:24 PM - Even Rouault

Merge pull request #5580 from rouault/fix_QgsRasterFileWriter_geopackage

[GDAL provider] in create(), use newly create dataset handle to instanciate the provider (fix #17103)

History

#1 - 2017-09-05 09:23 PM - Even Rouault

- Assignee set to Even Rouault

#2 - 2017-11-09 04:24 PM - Even Rouault

- % Done changed from 0 to 100

- Status changed from Open to Closed

Applied in changeset commit:qgis|c3e15f522837d1f0bdd47c1ffc1b0ab3cba5e869.