QGIS Application - Bug report #21495
Deleting shapefiles from the browser panel does not delete all the files

2019-03-06 07:39 AM - Harrissou Santanna

Status:	Closed		
Priority:	Normal		
Assignee:			
Category:	Browser		
Affected QGIS version:	3.4.5	**Regression?:**	No
Operating System:		**Easy fix?:**	No
Pull Request or Patch supplied:	No	**Resolution:**	up/downstream
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	29312

Description

I have a shapefile I deleted from the QGIS browser panel (right-click --> Delete file xxx).
While dbf, shx, shp and prj files have gone, it let me with cpg and qpj files. It could be nice to have them removed too.

Related issues:

Related to QGIS Application - Feature request # 17032: delete (or propose to)...	**Closed**	**2017-08-18**

History

#1 - 2019-03-09 05:35 PM - Alessandro Pasotti

- Resolution set to up/downstream

- Status changed from Open to Closed

I'm afraid this goes upstream to OGR/GDAL: we are using OGR calls to delete the OGR layers: GDALDatasetDeleteLayer()

#2 - 2019-03-30 02:44 AM - Andrea Giudiceandrea

Alessandro Pasotti wrote:

> *I'm afraid this goes upstream to OGR/GDAL: we are using OGR calls to delete the OGR layers: GDALDatasetDeleteLayer()*

It seems to me that this is true for .cpg files only.

The .qpj files are created by QGIS, not by GDAL/OGR, so they should be deleted by QGIS.

In fact QgsVectorFileWriter::deleteShapeFile() deletes .qpj files along with ".shp", ".shx", ".dbf", ".prj", ".qix" files.

#3 - 2019-03-30 12:07 PM - Andrea Giudiceandrea

Andrea Giudiceandrea wrote:

> *It seems to me that this is true for .cpg files only.*

Just now this was super fast fixed https://github.com/OSGeo/gdal/issues/1405 in GDAL/OGR master
https://github.com/OSGeo/gdal/commit/41d8da793ee9a5360ad4ec7e3d97ace2913e11c5

|

> *The .qpj files are created by QGIS, not by GDAL/OGR, so they should be deleted by QGIS.*

Anyway, now GDAL/OGR GDALDatasetDeleteLayer() / OGRShapeDataSource::DeleteLayer(), in master, take care of deletion of .qpj files also
https://github.com/OSGeo/gdal/commit/391a0c719c83be1c51e92717cc730edcd110062b

#4 - 2019-03-31 09:41 PM - Andrea Giudiceandrea

- Related to Feature request #17032: delete (or propose to) all files of a shapefile with browser added

#5 - 2019-04-01 12:12 AM - Harrissou Santanna

Thanks Andrea for having reported upstream.