

QGIS Application - Bug report #19703

Open MDAL data dialog does NOT show All files

2018-08-27 08:55 AM - Richard Duivenvoorde

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Data Provider/MDAL	
Affected QGIS version:	3.3(master)	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:		Resolution:
Crashes QGIS or corrupts data:		Copied to github as #: 27528
Description		
<p>In current master if I open a Mesh via the Data Source Manager by clicking on the ... button, I get an 'Open MDAL Supported Mesh Dataset(s)' dialog, with on the bottom the possibility to only show 'GRIB Files', '2DM Meshfile' or All files.</p> <p>BUT even using the 'All files', I do not see all files. Only when I rename a file to something.grib I start to see it.</p> <p>To test: go to: https://data.knmi.nl/datasets/harmonie_p1/0.2?q=grib</p> <p>To get a current weather grib file, untar the .tgz file which will open as a long list of filenames like: /tmp/harm36_v1_ned_surface_2018082700_048_GB (not without extension!)</p> <p>But you will not be able to open those, unless you rename them to *.grib (see screenshot, where I untarred the tgz into my /tmp and only renamed 1 of the files to /tmp/harm36_v1_ned_surface_2018082700_048_GB.grib)</p> <p>Also added a screenshot to show the mesh in QGIS because it is so cool :-)</p>		

Associated revisions

Revision 4fa62e9b - 2018-10-22 08:15 AM - Richard Duivenvoorde

Fix #19703, make filter translatable and add NetCDF (#8245)

- Add NetCDF into MDAL dialog's file filter

History

#1 - 2018-10-19 04:53 PM - Richard Duivenvoorde

- Assignee deleted (Peter Petrik)

Ok, I had a look into this myself, and found that the value of mFilter in qgsfilewidget.cpp

<https://github.com/qgis/QGIS/blob/master/src/gui/qgsfilewidget.cpp#L254-L278>

Was different for different kind of files:

For grib it was:

"All files(*.)*;;GRIB File(.grb *.grb2 *.bin *.grib *.grib1 *.grib2);;2DM Mesh File(.2dm);;3Di Resu"

For rasters it is:

```
"All files (");GDAL/OGR VSIFileHandler (.zip *.gz *.tar *.tar.gz *.tgz *.ZIP *.GZ *.TAR *.TAR.GZ *.
```

For csv it is:

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"Text files (.txt *.csv *.dat *.wkt);All files ( *.*)"
```

AND actually only the csv shows ALL files for me!

According to <http://doc.qt.io/qt-5/qfiledialog.html#setNameFilters> using "*" is not portable.
They point to dot-files, but in my case the downloaded grb files without(!) any extension is also not shown.

I'll add a patch which change All files(*) to All files().

Grepping on "All files(" there are still a lot of other places where this is used.

#2 - 2018-10-19 05:24 PM - Richard Duivenvoorde

See <https://github.com/qgis/QGIS/pull/8245>

#3 - 2018-10-22 08:15 AM - Richard Duivenvoorde

- % Done changed from 0 to 100
- Status changed from Open to Closed

Applied in changeset commit:qgis|4fa62e9b3bbe6383db2b682e89003a0a85428bad.

Files			
openmesh.png	162 KB	2018-08-27	Richard Duivenvoorde
harmonyInQgis.png	1.03 MB	2018-08-27	Richard Duivenvoorde