QGIS Application - Bug report #11428
Remove the option "Write absolute path" from gdal tileindex tool

2014-10-17 07:27 AM - Pedro Venâncio

Status:	Closed		
Priority:	Normal		
Assignee:			
Category:	GDAL Tools		
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 #:**	19704

Description

Raster Tile Index (gdaltindex)(Raster -> Miscellaneous -> Tile Index)

always generates absolute paths, regardless of the "Write absolute path" option is selected or not.

Tested on QGIS 2.5.0-102 (OSGeo4W).

Related issues:

Related to QGIS Application - Bug report # 4064: gdal tileindex always write ...	**Closed**	**2011-07-08**

History

#1 - 2014-10-17 07:56 AM - Giovanni Manghi

- Status changed from Open to Feedback

does the gdal command, issued by the cli, return the correct results?

#2 - 2014-10-17 08:08 AM - Pedro Venâncio

Yes Giovanni, in the cli, using -write_absolute_path generates absolute paths. Without that option, it generates relative paths. I'm with GDAL 1.11.1.

#3 - 2014-10-17 08:14 AM - Giovanni Manghi

- Status changed from Feedback to Open

#4 - 2014-10-31 05:55 AM - Jürgen Fischer

- Target version changed from Version 2.6 to Future Release - High Priority

#5 - 2015-02-21 04:45 AM - Pedro Venâncio

Now I see that this isn't a QGIS problem, because it also happens at the command line.

If I put the command line in the folder where the raster files are located, gdaltindex works well, ie, with -write_absolute_path option, absolute paths are saved in the attribute table, and without -write_absolute_path option are saved only the names of files.

    D:\\test\\2013\\tiff> gdaltindex -f "ESRI Shapefile" tile_index_processing_2.shp 171_2_52.tif 171_2_42.tif

But if I reference the input raster files with the absolute paths (for example, when files are in different folders), the -write_absolute_path option has no

influence, because absolute paths are always recorded in the attribute table.

```
D:\\> gdaltindex -f "ESRI Shapefile" D:\\test\\2013\\tiff\\tile_index_processing_3.shp D:\\test\\2013\\tiff\\171_2_52.tif D:\\test\\2013\\171_2_42.tif
```

Like Even says here http://osgeo-org.1560.x6.nabble.com/gdal-dev-gdaltindex-produces-absolute-paths-td5188952.html

and http://www.gdal.org/gdaltindex.html

" -write_absolute_path: (...) By default the raster filenames will be put in the file exactly as they are specified on the command line. "

Thus, unless the raster files are stored in the same folder where QGIS Raster Tile Index tool runs, we will always have the absolute path in the result. So, do you think we should hide this option in Raster Tile Index interface?

#6 - 2015-02-23 03:15 PM - Giovanni Manghi

- Subject changed from Raster Tile Index always produces absolute paths to Remove the option "Write absolute path" from gdal tileindex tool

> *So, do you think we should hide this option in Raster Tile Index interface?*

yes, because anyway as it is implemented in qgis the path to input files (in the command line) will be always absolute, returning always an absolute path in the index.

#7 - 2015-09-30 04:10 PM - Pedro Venâncio

- Status changed from Open to Closed

Pull request submitted to remove the "Write absolute path" option from gdal tileindex: https://github.com/qgis/QGIS/pull/2343