QGIS Application - Bug report #17127
Control order by which bands are stacked

2017-09-12 01:25 PM - andre mano

Status:	Closed			
Priority:	Normal			
Assignee:				
Category:	Processing/GDAL			
Affected QGIS version:	2.18.12	**Regression?:**	No	
Operating System:		**Easy fix?:**	No	
Pull Request or Patch supplied:		**Resolution:**	duplicate	
Crashes QGIS or corrupts data:		**Copied to github as #:**	25026	

Description

When using gdal-merge from the Processing toolbox, it is not possible to control the order by which the bands are to be stacked (screenshot attached). Example below:

For merging 7 Landsat bands into a single image this command is generated:

gdal_merge.bat -a_nodata -9999 -ot Float32 -separate -o "[temporary file]" -of GTiff

/L5197024_02420100627_B10.TIF
/L5197024_02420100627_B40.TIF (will become Band 2 when it should be band 4)

/L5197024_02420100627_B50.TIF (and so on...)
/L5197024_02420100627_B60.TIF

/L5197024_02420100627_B30.TIF
/L5197024_02420100627_B20.TIF
~/L5197024_02420100627_B70.TIF

User should have the possibility to control order so that the command would look like this:

gdal_merge.bat -a_nodata -9999 -ot Float32 -separate -o "[temporary file]" -of GTiff

/L5197024_02420100627_B10.TIF
/L5197024_02420100627_B20.TIF

/L5197024_02420100627_B30.TIF
/L5197024_02420100627_B40.TIF

/L5197024_02420100627_B50.TIF
/L5197024_02420100627_B60.TIF
~/L5197024_02420100627_B70.TIF

Related issues:

Related to QGIS Application - Bug report # 17327: Sorting of input layer Laye...	**Closed**	**2017-10-25**

History

#1 - 2017-09-13 11:35 AM - Giovanni Manghi

- Category changed from GDAL Tools to Processing/GDAL

#2 - 2017-10-25 10:40 AM - Giovanni Manghi

see also #17327

#3 - 2017-10-26 10:00 AM - Jürgen Fischer

- Related to Bug report #17327: Sorting of input layer Layers in Processing "multiple inputs" widgets added

#4 - 2017-11-13 01:00 PM - Giovanni Manghi

- Resolution set to duplicate

- Status changed from Open to Closed

Closing in favor of #17327 because this is more general.

Files

image.png	113 KB	2017-09-12	andre mano