QGIS Application - Bug report #20017
Raster - Miscellaneous - Merge ECW images

2018-10-04 07:06 PM - ZHI JUN ZHU

Status:	Closed		
Priority:	Normal		
Assignee:			
Category:	Rasters		
Affected QGIS version:	3.2.1	**Regression?:**	No
Operating System:	Windows 10	**Easy fix?:**	No
Pull Request or Patch supplied:	No	**Resolution:**	invalid
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	27839

Description

QGIS version 3.2.1-Bonn

I have many ECW image tiles, and I want to combine them into one image (mosaic).
So when I use the Raster - Misscellaneous - Merge - Parameters - Inpurt layers - select all ECW images (EPSG:26917 - NAD83 /UTM 17N)

Grab pseudocolor table from first layer: default
Place each input file into a separate band: default
Output data type: Float32
GDAL/OGR console call:
gdal_merge.bat -ot Float32 -of ECW -o C:/4_QGis/041P05K01/041p05.ecw --optfile
C:/Users/zjzhu/AppData/Local/Temp/processing_8b97f0e259554203b97eecdfde25cd78\mergeInputFiles.txt

When I run in background, I got the following messages:

GDAL command output:
Format driver ECW does not support creation and piecewise writing.

Please select a format that does, such as GTiff (the default) or HFA (Erdas Imagine).

Execution completed in 0.73 seconds
Results:{'OUTPUT': <QgsProcessingOutputLayerDefinition {'sink':C:/4_QGis/041P05K01/041p05.ecw, 'createOptions': {'fileEncoding': 'System'}}>}

Loading resulting layers
The following layers were not correctly generated.
C:/4_QGis/041P05K01/041p05.ecw
You can check the 'Log Messages Panel' in QGIS main window to find more information about the execution of the algorithm.

Could I merge many ECW images into one ECW image ?

If yes, could you please give me some hints .

thanks

zhu

Output data

History

#1 - 2018-10-04 09:15 PM - Giovanni Manghi

- Resolution set to invalid

- Status changed from Open to Closed

No, you can't create ECW files. The ECW library/driver that is shipped with the OSGeo4W installer is read only. As far as I know the proprietary library/driver that allows to create ECW files is not freely available (in fact is very expensive).

Files

041P05K01.ecw	4.63 MB	2018-10-04	ZHI JUN ZHU