QGIS Application - Bug report #17197
can't create pyramid if the geotiff file name has 2-byte characters

2017-09-26 02:21 AM - Hiroyuki Kobayashi

Status:	Closed		
Priority:	Normal		
Assignee:			
Category:	Processing/GDAL		
Affected QGIS version:	2.18.13	**Regression?:**	No
Operating System:	Windows10 Japanese version	**Easy fix?:**	No
Pull Request or Patch supplied:		**Resolution:**	no timely feedback
Crashes QGIS or corrupts data:		**Copied to github as #:**	25096

Description

I usually use Japanese file names (2-byte characters) with my image files.
When I try to create a pyramid for a big geotiff image, it fails both from "Property" menu and "Raster" menu.

When I rename the file from 2-byte to 1-byte characters, it fails from "Property" menu but it succeeds from "Raster" menu.

It happens both v2.14.19 and v2.18.13.

I attach a small geotiff files with 1-byte file name and 2-byte file name.

History

#1 - 2017-09-26 11:12 AM - Giovanni Manghi

- Category changed from Rasters to Processing/GDAL

FYI, no issues under Linux (and possibly also macOS). The size of the raster doesn't really matter. The right place where to fix this is in Processing as anyway the "old" gdaltools are going to disappear in qgis3.

2017-09-26T10:09:23   2   Uncaught error while executing algorithm
    Traceback (most recent call last):
     File "C:/OSGEO4~1/apps/qgis/./python/plugins\processing\core\GeoAlgorithm.py", line 203, in execute
      self.processAlgorithm(progress)
     File "C:/OSGEO4~1/apps/qgis/./python/plugins\processing\algs\gdal\GdalAlgorithm.py", line 68, in processAlgorithm
      GdalUtils.runGdal(commands, progress)
     File "C:/OSGEO4~1/apps/qgis/./python/plugins\processing\algs\gdal\GdalUtils.py", line 93, in runGdal
      universal_newlines=True,
     File "C:\OSGEO4~1\apps\Python27\lib\subprocess.py", line 711, in *init*
      errread, errwrite)
     File "C:\OSGEO4~1\apps\Python27\lib\subprocess.py", line 922, in _execute_child
      args = '{} /c "{}"'.format (comspec, args)
    UnicodeEncodeError: 'ascii' codec can't encode characters in position 31-32: ordinal not in range(128)

#2 - 2019-01-21 12:34 AM - Jürgen Fischer

- Status changed from Open to Feedback

Please test with QGIS 3.4 - QGIS 2.18 reached it's end of life.

#3 - 2019-02-10 09:09 AM - Alexander Bruy

- Resolution set to no timely feedback

- Status changed from Feedback to Closed

Files

Tateyama_1977_100m.tif	160 KB	2017-09-26		Hiroyuki Kobayashi
⛶_1977_100m.tif	160 KB	2017-09-26		Hiroyuki Kobayashi