QGIS Application - Bug report #21210
GDAL python tools are broken in QGIS 3.4.4/master
2019-02-08 03:45 PM - Giovanni Manghi

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>High</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Windows Package</td>
</tr>
<tr>
<td>Category:</td>
<td></td>
</tr>
<tr>
<td>Affected QGIS version:</td>
<td>3.5(master)</td>
</tr>
<tr>
<td>Regression?:</td>
<td>Yes</td>
</tr>
<tr>
<td>Easy fix?:</td>
<td>No</td>
</tr>
<tr>
<td>Resolution:</td>
<td></td>
</tr>
<tr>
<td>Copied to github as #:</td>
<td>29028</td>
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</tbody>
</table>

Description

for example gdal_merge

GDAL command:

cmd.exe /C gdal_merge.bat -ot Float32 -of GTiff -o
C:/Users/qgis/AppData/Local/Temp/processing_7c972bb45de649db703b37af8e39225/a14f75dc2c3467ea263dff8f94899e/OUTPUT.tif --optfile C:/Users/qgis/AppData/Local/Temp/processing_7c972bb45de649db703b37af8e39225/mergeInputFiles.txt

GDAL command output:
'gdal_merge.bat' is not recognized as an internal or external command,

Associated revisions

Revision eea4eda6 - 2019-02-10 09:31 PM - Jürgen Fischer
osgeo4w: fix b6293f23c8c (fixes #21210)

Revision 69e54150 - 2019-02-11 10:28 AM - Jürgen Fischer
osgeo4w: fix b6293f23c8c (fixes #21210)
(cherry picked from commit eea4eda6a35f1a06f84f198249b51b169144c46f)

History

#1 - 2019-02-08 04:00 PM - Alexander Bruy
I can confirm on Windows with master/3.4, but errors are a slightly different. 3.4 complains about missed gdal_merge.bat, while in master it can not find gdal_merge.py

#2 - 2019-02-08 04:11 PM - Giovanni Manghi
Alexander Bruy wrote:

I can confirm on Windows with master/3.4, but errors are a slightly different. 3.4 complains about missed gdal_merge.bat, while in master it can not find gdal_merge.py

confirmed here the slightly different message.
So this is an osgeo4w packaging issue, right? Not qgis?

Nyall Dawson wrote:

probably, but I'm afraid that at this point filing this bug only in the oggeo4w bug tracker will pass unnoticed and we will ship a new release with such important tools broken.

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normally uses python3 - hence the batch files calls fail. It starts working once that is installed (and a dependency was added).

master was changed to run the scripts directly with python3 (see #20870). That only helps if if the scripts are in the current working directory - but that usually is %OSGEO4W_ROOT%\bin, which also happens to be where gdal-python puts the scripts - intended for py2, but not any different from those for py3. So with gdal-python scripts installed it should work there too - often.

My expectation was, that python would look in PATH or PYTHONPATH for script files - apparently not happening.

#11 - 2019-02-10 09:34 PM - Jürgen Fischer
- % Done changed from 0 to 100
- Status changed from Feedback to Closed

Applied in changeset commit:qgis\eea4eda6a35f1a06f84f198249b51b169144c46f.