QGIS Application - Bug report #8811

gdal array python modules are missing from the Win64 QGIS 2.0.1-2 standalone installer

2013-10-09 06:22 AM - Tim Sutton

Status: Closed

Priority: Normal

Assignee: Jürgen Fischer

Category: Windows Package

Affected QGIS version: 2.0.1Regression?:NoOperating System:WindowsEasy fix?:No

Pull Request or Patch shapplied: Resolution: fixed/implemented

Crashes QGIS or corrupts data: Copied to github as #: 17508

Description

We are having problems running some python code that worked well in previous binary versions of QGIS. Example code below:

import gdal

fid = gdal.Open('tenbytenraster.asc', gdal.GA_ReadOnly)

band = fid.GetRasterBand(1)

array = band.ReadAsArray()

Under Lisboa, the code above runs fine. Under Dufour we get an error like this:

>>> import gdal

>>> id = gdal.Open('tenbytenraster.asc', gdal.GA ReadOnly)

>>> fid = gdal.Open('tenbytenraster.asc', gdal.GA ReadOnly)

>>> band = fid.GetRasterBand(1)

>>> array = band.ReadAsArray()

Traceback (most recent call last):

File "<stdin>", line 1, in <module>

File "C:\\Program Files\\QGIS Dufour\\apps\\Python27\\lib\\site-packages\\osgeo\\gdal.py", line 1026, in ReadAsArray import adalnumeric

File "C:\\Program Files\\QGIS Dufour\\apps\\Python27\\lib\\site-packages\\osgeo\\gdalnumeric.py", line 1, in <module> from gdal array import *

File "C:\\Program Files\\QGIS Dufour\\apps\\Python27\\lib\\site-packages\\osgeo\\gdal_array.py", line 26, in <module> gdal array = swig import helper()

File "C:\\Program Files\\QGIS Dufour\\apps\\Python27\\lib\\site-packages\\osgeo\\gdal_array.py", line 18, in swig_import_helper import _gdal_array

ImportError: No module named _gdal_array

>>>

After a bit of investigation, it seems that various python modules are missing in the Win Standalone installer. The attached image illustrates that that in the lisboa installation (on the left) gdal_array (and other) libs are present, whilst in Dufour they are absent.

Note: This problem may be present with the 32bit version of the installer too, we have not tested it yet.

History

#1 - 2013-10-09 06:23 AM - Tim Sutton

For more information, see also the downstream ticket from InaSAFE: https://github.com/AIFDR/inasafe/issues/674

2025-04-26 1/2

Tim Sutton wrote: | For more information, see also the downstream ticket from InaSAFE: https://github.com/AIFDR/inasafe/issues/674 Try the OSGe4W4 installer - the standalone installer is not current (see also http://trac.osgeo.org/osgeo4w/ticket/379) #3 - 2013-10-10 01:38 PM - Tim Sutton Hi Yeah thanks we got it working with the OSGEO4W installer. It will be great to have those libs shipped with the standalone installer too. Regards Tim #4 - 2013-10-21 08:35 AM - Jürgen Fischer - Resolution set to fixed/implemented - Status changed from Open to Closed fixed in 2.0.1-3.

126 KB

2013-10-09

Tim Sutton

#2 - 2013-10-09 07:15 AM - Jürgen Fischer

liboa-vs-dufour.png

2025-04-26