QGIS Application - Bug report #6696 Raster calculator - "in memory raster"

2012-11-15 06:59 AM - Jonathan Moules

Status: Closed Priority: Normal

Assignee:

Category: Rasters

Affected QGIS version:2.2.0Regression?:NoOperating System:Easy fix?:No

Pull Request or Patch shapplied:

Crashes QGIS or corrupts data:

Resolution: end of life
Copied to github as #: 15861

Description

Using raster calculator, I have a simple calculation - (36SK10se@1 + 36SK10se@1) / 2 - If I use all the defaults, setting the output type to TIF say and setting a directory it works.

If however I set output format to "In Memory Raster" (leaving everything else), then I get this error upon trying to execute it: "C:/tempdata/asdf.tif is not a valid or recognized raster data source"

C:/tempdata/asdf.tif is what I specified as the "output layer".

There is some combination of the below bugs here, depending on desired behaviour:

- a) It's not possible to press "ok" until an output layer has been specified. Even if the format is "in memory raster".
- b) The In Memory Raster shouldn't be trying to write anything out so shouldn't care what's in the "output layer" field.
- c) The error message implies that it is reading the data (it being a "source"). The error could instead say: "XYZ is not a valid or recognized raster destination"

History

#1 - 2013-02-21 02:04 AM - Jonathan Moules

Also occurs in master

#2 - 2014-02-25 07:59 AM - Jonathan Moules

Proposed solution - don't require an "output layer" to be specified when the output format is "In Memory Raster".

Also grey out the "output layer" box when this is selected.

#3 - 2014-02-26 01:30 AM - Martin Dobias

So there are some GUI issues - for those I would suggest introducing a checkbox "keep in memory only" that would disable the format combo box + output layer. But more importantly the problem is that the output dataset is closed and then reopened - for in memory data it is fatal as all data are lost on close. Output raster layer in QGIS would need to be constructed from an existing GDAL dataset handle - there is currently no way of doing that (layers in QGIS are always constructed from URI string).

#4 - 2014-02-27 11:09 AM - Giovanni Manghi

- Affected QGIS version changed from 1.8.0 to 2.2.0
- Target version set to Future Release Lower Priority

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#5 - 2017-05-01 01:09 AM - Giovanni Manghi

- Regression? set to No
- Easy fix? set to No

#6 - 2019-03-09 03:11 PM - Giovanni Manghi

- Status changed from Open to Closed
- Resolution set to end of life

End of life notice: QGIS 2.18 LTR

Source:

http://blog.qgis.org/2019/03/09/end-of-life-notice-qgis-2-18-ltr/

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