

QGIS Application - Bug report #11800

documentation error in qgis:creategrid and associated errors it Hex grid from layer script

2014-12-06 03:47 AM - ramon .

Status: Closed	
Priority: Normal	
Assignee: Victor Olaya	
Category: Processing/Core	
Affected QGIS version: 2.6.1	Regression?: No
Operating System: all	Easy fix?: No
Pull Request or Patch Applied: Yes	Resolution: fixed/implemented
Crashes QGIS or corrupts data: No	Copied to github as #: 20024

Description

Running the "Hex grid from layer" script gives this error:

Oooops! The following output layers could not be open

grid: /tmp/processing/1429ad65364842438cdb2532e93107f5/grid.shp

The above files could not be opened, which probably indicates that

they were not correctly produced by the executed algorithm

Checking the log information might help you see why those layers were not created as expected

The log helpfully suggests:

Horizontal spacing is too small for the covered area

Running the "Create Grid" gui with the same values gives this in the log:

#ALGORITHM|Sat Dec 06 2014

18:31:27|processing.runalg("qgis:creategrid",3,7829,10226,200,200,353075,6595874,"EPSG:28351","/home/user/temp.shp")

which is to say

processing.runalg("qgis:creategrid", gridtype, width, height, hspacing, vspacing, centerx, centery, CRStype, savename)

This is different to the documentation

processing.runalg('qgis:creategrid', hspacing, vspacing, width, height, centerx, centery, gridtype, savename)

which the "Hex grid from layer" script follows

processing.runalg('qgis:creategrid', cellsize, cellsize, width, height, centerx, centery, 3, input.crs().authid(), grid)

I'll assume qgis:creategrid alg is correct and the documentation needs an update (if you can point me in the right direction I can do that), and am providing a patch for the "Hex grid from layers" script

History

#1 - 2014-12-06 01:52 PM - ramon .

I notice I've not been clear about which docs I'm talking about.

The documentation in the user guide is correct.

It's the in application that needs an update.

The patch for the script adjusts the script to fit the user manual docs and the information from the algorithm in the log.

#2 - 2014-12-07 01:47 PM - ramon .

I see in this thread <http://lists.osgeo.org/pipermail/qgis-community-team/2014-December/004001.html> that the documentation in >2.7 will be pointing to the user manual descriptions, and therefore should be correct (or at least more than it is now).

Clearly, I've not been paying enough attention, and am making un-needed noise about the docs bit.

#3 - 2014-12-08 01:22 PM - Giovanni Manghi

- Resolution set to fixed/implemented
- Status changed from Open to Closed

will be fixed when this PR will be committed

<https://github.com/qgis/QGIS-Processing/pull/6>

but closing because anyway this script is not part of qgis source code, but belongs to the QGIS-processing scripts repository.

#4 - 2014-12-08 02:42 PM - ramon .

Thanks.

I presumed, that since it was part of processing it lived in here somewhere...

At least I know where to put something like this next time.

#5 - 2015-06-07 04:33 AM - Giovanni Manghi

- Category changed from 94 to Processing/Core

Files

Hex_grid_from_layer_bounds.diff	609 Bytes	2014-12-06	ramon .
Hex_grid_from_layer_bounds2.py	544 Bytes	2014-12-06	ramon .