

QGIS Application - Bug report #18502

QGIS 3 Processing API does not generate fully qualified paths for output filenames

2018-03-21 10:16 AM - Andreas Rabe

Status: Closed	
Priority: Normal	
Assignee: Victor Olaya	
Category: Processing/Modeller	
Affected QGIS version: 3.1(master)	Regression?: No
Operating System:	Easy fix?: Yes
Pull Request or Patch supplied:	Resolution: no timely feedback
Crashes QGIS or corrupts data:	Copied to github as #: 26390

Description

When using relative output filenames (e.g. for output raster layers) like 'output_raster.tif', the Processing Framework will not turn it into a fully qualified path.

Depending on the ProcessingAlgorithm, the result will be written to the current working directory, e.g.

C:\OSGeo4W64_Py3\bin\output_raster.tif (not so nice!), or sometimes the algorithm crashes, because it assumes a full path.

Suggestion: use the `QgsApplication::qgisSettingsDirPath()` as the root directory, e.g. under Windows this is:

C:\Users\janzandr\AppData\Roaming\QGIS\QGIS3\profiles\default\processing\outputs

In my opinion, if ProcessingAlgorithms can always assume a full path, it makes development much easier and consistent.

History

#1 - 2018-08-26 07:54 AM - Alexander Bruy

- Operating System deleted (Windows)

- Status changed from Open to Feedback

Should be fixed in latest master. Please check and report back.

#2 - 2018-11-11 04:32 AM - Jürgen Fischer

- Resolution set to no timely feedback

- Status changed from Feedback to Closed