

QGIS Application - Bug report #8627

GRASS/processing does not work on Windows (standalone installers)

2013-09-17 10:19 AM - Giovanni Manghi

Status:	Closed	
Priority:	Severe/Regression	
Assignee:	Victor Olaya	
Category:	Processing/Core	
Affected QGIS version:	2.0.1	Regression?: No
Operating System:	Windows	Easy fix?: No
Pull Request or Patch supplied:	no	Resolution: fixed
Crashes QGIS or corrupts data:	no	Copied to github as #: 17361
Description		
<p>If installing QGIS 2.0 on Windows with the standalone installers, then GRASS will not be found by the processing toolbox, regardless of the path (with or without spaces) where QGIS is installed.</p> <p>On osgeo4w there is no such problem.</p> <p>Funny thing: if in the standalone installation the GRASS path are set to go pick the GRASS installed by osgeo4w, then it works ok.</p>		

History

#1 - 2013-09-21 06:30 AM - Giovanni Manghi

- Subject changed from GRASS/processing does not work on Windows standalone installers to GRASS/processing does not work on Windows

I have run a tests on every installer available for Windows. These are my findings

I have run a set of tests on Windows, and here following my notes. It seems to me that there are not only issue with the processing framework, but also with the installers itselfs.

I used using a **clean** Windows 7 machine and after testing each installer I carefully cleaned any trace of qgis by removing registry keys, installation leftovers anthe .qgis2 folder and cleaning again with ccleaner.

*) standolone installer 32bit: both grass and saga are not found by processing regardless the installation path (with spaces or no spaces, I tested also install in c:\qgis).

When trying to open a GRASS module the error is (in the qgis log)

OGR³ error 4: Unable to open
C:/PROGRA~1/QGISDU~1/apps/qgis/.python/plugins\processing\tests\data\points.shp
or C:/PROGRA~1/QGISDU~1/apps/qgis/.python/plugins\processing\tests\data\points.SHP.

I noticed also that:

this installer install the software in "program file" and not in "program files(x86)" as expected for a 32bit program in a 64bit

Windows.

When configuring processing the qgis log shows this

"edit: editing failed"

I tried to manually set/escape the GRASS paths in processing at no avail.

*) standalone installer 64bit: saga is not found by processing. GRASS is found, modules run but at the end they return errors.

The error (in the qgis log) is

OGR³ error 4: Unable to open

C:/PROGRA~1/QGISDU~1/apps/qgis/.python/plugins\processing\tests\data\points.shp
or C:/PROGRA~1/QGISDU~1/apps/qgis/.python/plugins\processing\tests\data\points.SHP.

and this "points.shp" has nothing to do with the module being run.

Please note that the same GRASS modules with the same inputs works ok with qgis installed with osgeo4w (see below).

QGIS installed with this installer now gives an error when launching.
See this image

<https://www.dropbox.com/s/h0pitcgcxpg3mb/Capture.JPG>

It does NOT give the "edit: editing failed" error when configuring processing.

*) osgeo4w 64bit installer:

on start qgis gives the same error given by the 64 bit standalone installer (see above).

Saga works. GRASS modules run but they return an error (see above).

I noticed also that this osgeo4w installer does not automatically selects the dependencies and that it is not possible to install from a local folder as it enters in a loop and does not allow to see the last dialog, the one with the install/finish button.

*) osgeo4w installer:

I see the

"edit: editing failed"

message when configuring processing, but overall it seems that everything is ok, saga and grass do run as expected. grass modules are running and returning results (with the same modules and inputs, the standalone installers and the osgeo4w64 don't).

*) osgeo4w 32bit experimental installer

same as osgeo4w installer.

#2 - 2013-09-29 04:20 AM - Giovanni Manghi

- Affected QGIS version changed from master to 2.0.1
- Subject changed from GRASS/processing does not work on Windows to GRASS/processing does not work on Windows (standalone installers)

#3 - 2013-10-17 08:04 AM - Jonathan Moules

Giovanni Manghi wrote:

standalone installer 32bit: both grass and saga are not found by processing

I can confirm this

*) standalone installer 64bit: saga is not found by processing. GRASS is found, modules run but at the end they return errors.

I can **not** confirm this. GRASS is on the plugins list, but the second I try and run one I get "Missing dependency. This algorithm cannot be run :-(" - end result is the same (not working).

#4 - 2013-10-17 08:06 AM - Giovanni Manghi

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

Jonathan Moules wrote:

Giovanni Manghi wrote:

standalone installer 32bit: both grass and saga are not found by processing

I can confirm this

*) standalone installer 64bit: saga is not found by processing. GRASS is found, modules run but at the end they return errors.

I can **not** confirm this. GRASS is on the plugins list, but the second I try and run one I get "Missing dependency. This algorithm cannot be run :-(" - end result is the same (not working).

this ticket is to be closed anyway. Actual standalone installers have issues that have been solved in osgeo4w ones. New standalone installers just need to be created.

#5 - 2015-06-07 04:26 AM - Giovanni Manghi

- Category changed from 94 to Processing/Core