

QGIS Application - Bug report #5420

GRASS gives python error if input layer path contains non ascii chars

2012-04-20 06:44 AM - Pedro Costa

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Processing/GRASS	
Affected QGIS version:	2.4.0	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:		Resolution: worksforme
Crashes QGIS or corrupts data:		Copied to github as #: 15080
Description		
<p>Hello to all,</p> <p>This is my first intervention here so i hope that i'm doing this right.</p> <p>My versions are:</p> <p>OS: Windows 7 64 bits QGIS: 1.7.4 revision 411aff6 sextante 1.0.4</p> <p>If I tried execute any grass algorithm like v.buffer, without any vector in the qgis project, the tool seems to be working well (like image '1'). But if i have a shapefile open in the project give me a error (like the image '2') and I can't execute any tool.</p> <p>Is very strange. Does anyone know the resolution? This only happen with grass algorithms.</p> <p>Thanks</p>		

History

#1 - 2012-04-20 07:20 AM - Giovanni Manghi

Hi Pedro,

check also the sextante log and post any message that can be useful (of there is something more than the python error already attached).

#2 - 2012-04-20 07:52 AM - Pedro Costa

Hi Giovanni,

I found the problem. If my shapes have in a directory named with special characters, like 'ã' or 'ç' gives me the error.

Only happen with some algorithms.

#3 - 2012-04-20 07:54 AM - Giovanni Manghi

- Subject changed from Grass give a python error to GRASS gives python error if input layer path contains non ascii chars

#4 - 2012-12-16 02:44 PM - Giovanni Manghi

this seems to be still true, the message is

Traceback (most recent call last):

```
File "C:\\OSGeo4W\\apps\\qgis-dev\\python\\plugins\\sextante\\core\\GeoAlgorithm.py", line 117, in execute
    self.processAlgorithm(progress)
File "C:\\OSGeo4W\\apps\\qgis-dev\\python\\plugins\\sextante\\grass\\GrassAlgorithm.py", line 324, in processAlgorithm
    self.consoleOutput = GrassUtils.executeGrass(commands, progress, outputCommands);
File "C:\\OSGeo4W\\apps\\qgis-dev\\python\\plugins\\sextante\\grass\\GrassUtils.py", line 262, in executeGrass
    command = GrassUtils.prepareGrassExecution(commands)
File "C:\\OSGeo4W\\apps\\qgis-dev\\python\\plugins\\sextante\\grass\\GrassUtils.py", line 241, in prepareGrassExecution
    GrassUtils.createGrassScript(commands)
File "C:\\OSGeo4W\\apps\\qgis-dev\\python\\plugins\\sextante\\grass\\GrassUtils.py", line 167, in createGrassScript
    output.write(command + "\n")
UnicodeEncodeError: 'ascii' codec can't encode character u'\\xe7' in position 54: ordinal not in range(128)
```

#5 - 2012-12-16 04:12 PM - Pedro Venâncio

Hi Giovanni,

Confirmed also on Linux:

Traceback (most recent call last):

```
File "/usr/share/qgis/python/plugins/sextante/core/GeoAlgorithm.py", line 117, in execute
    self.processAlgorithm(progress)
File "/usr/share/qgis/python/plugins/sextante/grass/GrassAlgorithm.py", line 324, in processAlgorithm
    self.consoleOutput = GrassUtils.executeGrass(commands, progress, outputCommands);
File "/usr/share/qgis/python/plugins/sextante/grass/GrassUtils.py", line 262, in executeGrass
    command = GrassUtils.prepareGrassExecution(commands)
File "/usr/share/qgis/python/plugins/sextante/grass/GrassUtils.py", line 248, in prepareGrassExecution
    GrassUtils.createGrassBatchJobFileFromGrassCommands(commands)
File "/usr/share/qgis/python/plugins/sextante/grass/GrassUtils.py", line 176, in createGrassBatchJobFileFromGrassCommands
    fout.write(command + "\n")
UnicodeEncodeError: 'ascii' codec can't encode character u'\\xc1' in position 38: ordinal not in range(128)
```

Works fine if the same data is stored on a path without non ascii characters.

#6 - 2013-10-05 12:58 PM - Giovanni Manghi

still true on qgis 2.0.1

#7 - 2014-03-26 10:55 AM - Alexander Bruy

- Status changed from Open to Feedback

Should be fixed in commit:3d6f17b067. Please test

#8 - 2014-06-21 02:33 PM - Giovanni Manghi

- Status changed from Feedback to Closed

#9 - 2014-08-05 03:20 AM - Nicole Stoffels

- Assignee changed from Victor Olaya to Giovanni Manghi
- Status changed from Closed to Reopened

Still not working on qgis 2.4.0 (this qgis uses python 2.7.3, gcc 4.6.3). I have 64-bit linux machine with ubuntu 12.4.

As far as I can see, in the commit 3d6f17b067 'open' is replaced by 'codecs.open' allowing utf-8 encoding. However, that does not fix the problem with non-ascii characters in the path.

#10 - 2014-08-05 03:44 AM - Giovanni Manghi

- Status changed from Reopened to Feedback

Nicole Stoffels wrote:

Still not working on qgis 2.4.0 (this qgis uses python 2.7.3, gcc 4.6.3). I have 64-bit linux machine with ubuntu 12.4.

As far as I can see, in the commit 3d6f17b067 'open' is replaced by 'codecs.open' allowing utf-8 encoding. However, that does not fix the problem with non-ascii characters in the path.

It works fine here on the very same OS. You are probably using an old version of Processing. Check in ~/.qgis2/pyhton/plugins

if there is a "processing" folder then delete it, close qgis and try again.

#11 - 2014-10-04 11:52 AM - Giovanni Manghi

- Project changed from 78 to QGIS Application
- Category deleted (59)
- Affected QGIS version set to 2.4.0
- Crashes QGIS or corrupts data set to No

#12 - 2014-10-04 11:53 AM - Giovanni Manghi

- Category set to Processing/GRASS

#13 - 2014-10-11 07:59 AM - Giovanni Manghi

- Resolution set to worksforme
- Status changed from Feedback to Closed
- Assignee deleted (Giovanni Manghi)

closing for lack of feedback, please reopen if necessary.

Files

1.png	173 KB	2012-04-20	Pedro Costa
2.png	218 KB	2012-04-20	Pedro Costa