QGIS Application - Bug report #18737
GRASS error when parameter is "pick coordinate" type

2018-04-17 01:33 PM - matteo ghetta

Status:	Closed		
Priority:	Normal		
Assignee:			
Category:	Processing/GRASS		
Affected QGIS version:	3.0.0	**Regression?:**	Yes
Operating System:	Windows	**Easy fix?:**	Yes
Pull Request or Patch supplied:	No	**Resolution:**	worksforme
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	26624

Description

in algorithms as r.drain, r.viewshed when choosing the coordinates from the map with the "pick coordinate" tool, the box is filled with X, Y + EPSG information that make GRASS fail to run the algorithm. This an example of the filled coordinates box:

348403.62350233766,4903994.026987238 [EPSG:32632]

History

#1 - 2018-04-18 08:19 AM - matteo ghetta

- Operating System set to Windows

It seems only Windows related, here the complete log of Processing:

Processing algorithm...
AlgorithmDialog
Input parameters:
{ 'input' : 'C:/Users/matteo/Desktop/QGIS_data/dtm.tif', 'direction' : , 'start_coordinates' : '1660752.0286831865,4779236.023414794 [EPSG:3003]', 'start_points' : , '-c' : False, '-a' : False, '-n' : False, '-d' : False, 'output' : 'C:/Users/matteo/AppData/Local/Temp/processing_083b6d735623475e9a59be854d8a7c0c/45a8e1dc7eb442728780ae595a52108f/output.tif', 'drain' : 'C:/Users/matteo/AppData/Local/Temp/processing_083b6d735623475e9a59be854d8a7c0c/8b0e8989371c44c0bac99d8f7f07381e/drain.shp', 'GRASS_REGION_PARAMETER' : '', 'GRASS_REGION_CELLSIZE_PARAMETER' : 0, 'GRASS_RASTER_FORMAT_OPT' : '', 'GRASS_RASTER_FORMAT_META' : '', 'GRASS_SNAP_TOLERANCE_PARAMETER' : -1, 'GRASS_MIN_AREA_PARAMETER' : 0.0001, 'GRASS_OUTPUT_TYPE_PARAMETER' : 0 }

g.proj -c proj4="+proj=tmerc +lat_0=0 +lon_0=9 +k=0.9996 +x_0=1500000 +y_0=0 +ellps=intl +towgs84=-104.1,-49.1,-9.9,0.971,-2.917,0.714,-11.68 +units=m +no_defs"
r.external input="C:\Users\matteo\Desktop\QGIS_data\dtm.tif" band=1 output="rast_5ad6e306154582" --overwrite -o
g.region n=4924820.77 s=4678320.77 e=1771747.2310344942 w=1554747.2310344942 res=100.0
r.drain input=rast_5ad6e306154582 start_coordinates=1660752.0286831865,4779236.023414794 [EPSG:3003] output=outputa50f84c91c1445a39d374cb68e55e4e3 drain=draina50f84c91c1445a39d374cb68e55e4e3 --overwrite
g.region raster=outputa50f84c91c1445a39d374cb68e55e4e3
r.out.gdal -t -m input="outputa50f84c91c1445a39d374cb68e55e4e3" output="C:\Users\matteo\AppData\Local\Temp\processing_083b6d735623475e9a59be854d8a7c0c\45a8e1dc7eb442728780ae595a52108f\output.tif" format=
put.tif" format="GTiff" createopt="TFW=YES,COMPRESS=LZW" --overwrite
v.out.ogr type=auto input="draina50f84c91c1445a39d374cb68e55e4e3" output="C:\Users\matteo\AppData\Local\Temp\processing_083b6d735623475e9a59be854d8a7c0c\8b0e8989371c44c0bac99d8f7f07381e\drain.shp" format=
n.shp" format=ESRI_Shapefile --overwrite
Sto avviando GRASS GIS...

ATTENZIONE: Il locking concorrente del mapset non è supportato in Windows.
Executing <C:\Users\matteo\AppData\Local\Temp\processing_083b6d735623475e9a59be854d8a7c0c\grassdata\grass_batch_job.cmd> ...

C:\PROGRA~1\QGIS3~1.0\bin>chcp 1252 1>NUL

C:\PROGRA~1\QGIS3~1.0\bin>g.proj -c proj4="+proj=tmerc +lat_0=0 +lon_0=9 +k=0.9996 +x_0=1500000 +y_0=0 +ellps=intl
+towgs84=-104.1,-49.1,-9.9,0.971,-2.917,0.714,-11.68 +units=m +no_defs"
Default region was updated to the new projection, but if you have multiple mapsets `g.region -d` should be run in each to update the region from the default
Informazioni sulla proiezione aggiornate

C:\PROGRA~1\QGIS3~1.0\bin>r.external input="C:\Users\matteo\Desktop\QGIS_data\dtm.tif" band=1 output="rast_5ad6e306154582"
--overwrite -o
La verifica della proiezione verrà ignorata
Reading band 1 of 1...
r.external completo. Link to raster map <rast_5ad6e306154582> created.

C:\PROGRA~1\QGIS3~1.0\bin>g.region n=4924820.77 s=4678320.77 e=1771747.2310344942 w=1554747.2310344942 res=100.0

C:\PROGRA~1\QGIS3~1.0\bin>r.drain input=rast_5ad6e306154582 start_coordinates=1660752.0286831865,4779236.023414794
[EPSG:3003] output=outputa50f84c91c1445a39d374cb68e55e4e3 drain=draina50f84c91c1445a39d374cb68e55e4e3 --overwrite
Traces a flow through an elevation model or cost surface on a raster map.

Usage:
r.drain [-cand] input=name [direction=name] output=name [drain=name]
[start_coordinates=east,north] [start_points=name[,name,...]]
[--overwrite] [--help] [--verbose] [--quiet] [--ui]

Flags:
-c Copia i valori della cella in input sull'output
-a Accumula i valori di input lungo il persorso
-n Numera progressivamente le celle lungo il percorso
-d The input raster map is a cost surface (direction surface must also be specified)

Parameters:
input Name of input elevation or cost surface raster map
direction Name of input movement direction map associated with the cost surface
output Nome del raster di output
drain Name for output drain vector map
start_coordinates Coordinates of starting point(s) (E,N)
start_points Name of starting vector points map(s)

ERROR: Sorry <[EPSG:3003]> is not a valid option

C:\PROGRA~1\QGIS3~1.0\bin>g.region raster=outputa50f84c91c1445a39d374cb68e55e4e3
ERRORE: Mappa raster <outputa50f84c91c1445a39d374cb68e55e4e3> non trovata

C:\PROGRA~1\QGIS3~1.0\bin>r.out.gdal -t -m input="outputa50f84c91c1445a39d374cb68e55e4e3"
output="C:\Users\matteo\AppData\Local\Temp\processing_083b6d735623475e9a59be854d8a7c0c\45a8e1dc7eb442728780ae595a52108f\output.tif" format=
put.tif" format="GTiff" createopt="TFW=YES,COMPRESS=LZW" --overwrite
ERRORE: Mappa raster o gruppo <outputa50f84c91c1445a39d374cb68e55e4e3> non trovato

C:\PROGRA~1\QGIS3~1.0\bin>v.out.ogr type=auto input="draina50f84c91c1445a39d374cb68e55e4e3"

output="C:\Users\matteo\AppData\Local\Temp\processing_083b6d735623475e9a59be854d8a7c0c\8b0e8989371c44c0bac99d8f7f07381e\drain.shp" format=
n.shp" format=ESRI_Shapefile --overwrite
ERRORE: Vettoriale <draina50f84c91c1445a39d374cb68e55e4e3> non trovato

C:\PROGRA~1\QGIS3~1.0\bin>exit
Execution of <C:\Users\matteo\AppData\Local\Temp\processing_083b6d735623475e9a59be854d8a7c0c\grassdata\grass_batch_job.cmd>
finished.
Cleaning up temporary files...
Premere un tasto per continuare . . .
Execution completed in 2.54 seconds
Results:
{'drain': <QgsProcessingOutputLayerDefinition
{'sink':C:/Users/matteo/AppData/Local/Temp/processing_083b6d735623475e9a59be854d8a7c0c/8b0e8989371c44c0bac99d8f7f07381e/drain.shp, 'createOp
hp, 'createOptions': {'fileEncoding': 'System'}}>, 'output': <QgsProcessingOutputLayerDefinition
{'sink':C:/Users/matteo/AppData/Local/Temp/processing_083b6d735623475e9a59be854d8a7c0c/45a8e1dc7eb442728780ae595a52108f/output.tif, 'createOp
t.tif, 'createOptions': {'fileEncoding': 'System'}}>}

Loading resulting layers
The following layers were not correctly generated.
C:/Users/matteo/AppData/Local/Temp/processing_083b6d735623475e9a59be854d8a7c0c/45a8e1dc7eb442728780ae595a52108f/output.tif
C:/Users/matteo/AppData/Local/Temp/processing_083b6d735623475e9a59be854d8a7c0c/8b0e8989371c44c0bac99d8f7f07381e/drain.shp
You can check the 'Log Messages Panel' in QGIS main window to find more information about the execution of the algorithm.

#2 - 2018-12-28 12:00 PM - Paolo Cavallini

Could you please check again on current release?
Thanks.

#3 - 2018-12-28 12:01 PM - Paolo Cavallini

I checked on 3.4.3 (Debian), it works correctly, even with EPSG code. Please test on Windows.

#4 - 2018-12-28 02:49 PM - Giovanni Manghi

- Status changed from Open to Feedback

Paolo Cavallini wrote:

> *Could you please check again on current release?*
> *Thanks.*

Please change status to "feedback" when needed.

#5 - 2019-01-24 06:49 PM - Alexander Bruy

- Resolution set to worksforme
- Status changed from Feedback to Closed

Works fine in master. Please reopen if necessary.