QGIS Application - Bug report #19472
v.surf.rst NOT WORKING IN QGIS 3.2.0 BONN
2018-07-23 07:03 PM - Marco Ugalde

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>High</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Alexander Bruy</td>
</tr>
<tr>
<td>Category:</td>
<td>Processing/GRASS</td>
</tr>
<tr>
<td>Affected QGIS version:</td>
<td>3.4.3</td>
</tr>
<tr>
<td>Regression?:</td>
<td>Yes</td>
</tr>
<tr>
<td>Easy fix?:</td>
<td>No</td>
</tr>
<tr>
<td>Resolution:</td>
<td>fixed/implemented</td>
</tr>
<tr>
<td>Copied to github as #:</td>
<td>27300</td>
</tr>
</tbody>
</table>

**Description**

Good afternoon. I always use v.surf.rst in Qgis 2.16 and 2.18 to interpolate points using a raster as a mask, but it is not working in QGIS 3.2.0. I got an error message in red (see attached file). I use the default parameters.

**Associated revisions**

Revision 34ec1833 - 2019-01-23 08:45 PM - Alexander Bruy

[processing] split v.surf.rst algorithm into two (fix #19472)

This algorithm cannot output cross-validation results and topographic parameters simultaneously, hence two tools needed. Thanks to Pedro Venâncio for finding this and proposing a fix.

Revision c2465fc4 - 2019-01-24 03:22 AM - Alexander Bruy

[processing] split v.surf.rst algorithm into two (fix #19472)

This algorithm cannot output cross-validation results and topographic parameters simultaneously, hence two tools needed. Thanks to Pedro Venâncio for finding this and proposing a fix.

(cherry picked from commit 34ec183354ba709c2b848395d77710b1c349e7b5)

**History**

#1 - 2018-07-23 08:00 PM - Nyall Dawson
- Status changed from Open to Feedback

Please post the full contents of the log window

#2 - 2018-07-24 05:55 PM - Marco Ugalde
- File Processing algorithm.txt added

#3 - 2018-07-24 07:06 PM - Giovanni Manghi
- Status changed from Feedback to Open
There is a problem with paths to GRASS executables:

"C:\PROGRA~1\QGIS" no se reconoce como un comando interno o externo, programa o archivo por lotes ejecutable.
"C:\PROGRA~1\QGIS" no se reconoce como un comando interno o externo, programa o archivo por lotes ejecutable.
**** no se reconoce como un comando interno o externo, programa o archivo por lotes ejecutable.
Presione una tecla para continuar . . .
"C:\PROGRA~1\QGIS" no se reconoce como un comando interno o externo, programa o archivo por lotes ejecutable.
"C:\PROGRA~1\QGIS" no se reconoce como un comando interno o externo,

In the meantime use QGIS LTR (2.18), is safer at this stage (for Processing tools).

#4 - 2018-07-26 02:59 PM - Marco Ugalde

Thank you!

#5 - 2018-07-26 05:14 PM - Giovanni Manghi
- Regression? changed from No to Yes
- Category changed from GRASS to Processing/GRASS
- Priority changed from Normal to High

#6 - 2018-07-27 09:09 AM - Rayne Harold

- 

#7 - 2018-12-27 10:31 PM - Nyall Dawson
- Status changed from Open to Feedback

Is this still an issue in 3.4?

#8 - 2018-12-28 11:44 AM - Paolo Cavallini

Confirmed in 3.4.2

#9 - 2018-12-28 11:45 AM - Paolo Cavallini
- Status changed from Feedback to Open
- Affected QGIS version changed from 3.2 to 3.4.2

#10 - 2018-12-28 11:45 AM - Paolo Cavallini
- Affected QGIS version changed from 3.4.2 to 3.4.3

#11 - 2018-12-28 03:20 PM - Giovanni Manghi
Nyall Dawson wrote:

- Is this still an issue in 3.4?
- it works OK here in 3.4.3 on Ubuntu (but not using a temp point layer).

Giovanni Manghi wrote:

- Nyall Dawson wrote:
  - Is this still an issue in 3.4?
  - it works OK here in 3.4.3 on Ubuntu (but not using a temp point layer).
  
  no, is not working, my mistake.

Pedro Venâncio wrote:

- The problem with v.surf.rst in QGIS 3.x.x is because it is trying to output the cross-validation result and the topographic parameters at the same time, and this is not possible.
- So, the approach needs to be the same as in QGIS 2.x.x, by separating v.surf.rst in two different processing modules (v.surf.rst and v.surf.rst.cvdev).
- I attach the description files with this approach. I can make a pull request with this update, but if someone can do it quicker (Nyall? Giovanni?), I appreciate that, because at this moment I don't have access to my dev machine. And this needs to be backported to QGIS 3.4.x.
- Thanks!

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Thanks!

thanks Pedro for catching this. I'll try create a PR today.

#15 - 2019-01-23 08:58 AM - Alexander Bruy
- Operating System deleted (Windows 10)
- Status changed from Open to In Progress
- Assignee changed from Giovanni Manghi to Alexander Bruy

#16 - 2019-01-23 10:02 AM - Alexander Bruy
- Pull Request or Patch supplied changed from No to Yes

PR https://github.com/qgis/QGIS/pull/8953

#17 - 2019-01-23 08:44 PM - Alexander Bruy
- % Done changed from 0 to 100
- Status changed from In Progress to Closed

Applied in changeset commit:qgis|34ec18354ba709c2b848395d77710b1c349e7b5.

#18 - 2019-01-24 04:22 AM - Alexander Bruy
- Resolution set to fixed/implemented

Files

<table>
<thead>
<tr>
<th>File</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
</tr>
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<tbody>
<tr>
<td>v.sur.rst.txt</td>
<td>1.08 KB</td>
<td>2018-07-23</td>
<td>Marco Ugalde</td>
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<tr>
<td>Processing algorithm.txt</td>
<td>10 KB</td>
<td>2018-07-24</td>
<td>Marco Ugalde</td>
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<td>v.sur.rst.txt</td>
<td>2.72 KB</td>
<td>2019-01-10</td>
<td>Pedro Venâncio</td>
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<tr>
<td>v.sur.rst.cvdev.txt</td>
<td>2.12 KB</td>
<td>2019-01-10</td>
<td>Pedro Venâncio</td>
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