

# QGIS Application - Bug report #21142

## v.net.salesman sequence HTML output

2019-01-31 12:58 PM - Pedro Venâncio

<b>Status:</b> Closed	
<b>Priority:</b> High	
<b>Assignee:</b> Alexander Bruy	
<b>Category:</b> Processing/GRASS	
<b>Affected QGIS version:</b> 3.4.4	<b>Regression?:</b> Yes
<b>Operating System:</b>	<b>Easy fix?:</b> No
<b>Pull Request or Patch Applied:</b> Yes	<b>Resolution:</b> fixed/implemented
<b>Crashes QGIS or corrupts data:</b> No	<b>Copied to github as #:</b> 28960

### Description

v.net.salesman has the **sequence** parameter to show the optimal route to visit nodes on a vector network

<https://grass.osgeo.org/grass76/manuals/v.net.salesman.html>

In QGIS 2.x, this parameter was treated as an OutputTable:

[https://github.com/qgis/QGIS/blob/release-2\\_18/python/plugins/processing/algs/grass7/description/v.net.salesman.txt#L13](https://github.com/qgis/QGIS/blob/release-2_18/python/plugins/processing/algs/grass7/description/v.net.salesman.txt#L13)

Now in QGIS 3.4, sequence is treated as a QgsProcessingParameterFileDestination, in html:

<https://github.com/qgis/QGIS/blob/master/python/plugins/processing/algs/grass7/description/v.net.salesman.txt#L13>

For this, sequence should be redirected as stdout

<https://github.com/qgis/QGIS/blob/master/python/plugins/processing/algs/grass7/Grass7Algorithm.py#L632>

but the grass\_batch\_job.cmd generated by v.net.salesman does not show the **sequence=-** parameter

```
chcp 1252>NUL
g.proj -c proj4="+proj=tmerc +lat_0=39.66825833333333 +lon_0=-8.133108333333334 +k=1 +x_0=0 +y_0=0 +ellps=GRS80
+towgs84=0,0,0,0,0,0 +units=m +no_defs"
v.in.ogr min_area=0.0001 snap=-1.0
input="D:\SIG\dados_exercicio_analise_redes\dados_exercicio\rede_viaria_distrito_porto_break.shp"
output="vector_5c52dd7e6b0492" --overwrite -o
v.in.ogr min_area=0.0001 snap=-1.0
input="D:\SIG\dados_exercicio_analise_redes\dados_exercicio\campanha_museus_distrito_porto.shp"
output="vector_5c52dd7e6b0493" --overwrite -o
g.region n=200265.16624542486 s=149098.80678702804 e=21170.13407058691 w=-54560.42845699884
v.net -s input=vector_5c52dd7e6b0492 points=vector_5c52dd7e6b0493 output=net5c52dd7e6bbf84 operation=connect
threshold=250.0
v.db.connect -o map=net5c52dd7e6bbf84 table=vector_5c52dd7e6b0493 layer=2
v.net.salesman input=net5c52dd7e6bbf84 arc_type="line,boundary" center_cats="1-100000" arc_column=tmpo_duplo
arc_backward_column=tmpo_unico output=output5fa55aa089254a3ba02e31092108c33a >
"C:/Users/pedro.venancio/AppData/Roaming/QGIS/QGIS3/profiles/default/processing/outputs/report.html" --overwrite
v.out.ogr type="line" input="output5fa55aa089254a3ba02e31092108c33a"
output="C:/Users/pedro.venancio/AppData/Local/Temp/processing_4b1282aad2654406b36071e98ff7fd69/d5fa58be4358445287f4031b951
7f4031b95114671/output.gpkg" format="GPKG" layer=1 --overwrite
exit
```

and the report.html file is empty.

The correct command should be

```
v.net.salesman input=net5c52dd7e6bbf84 arc_type="line,boundary" center_cats="1-100000" arc_column=tmpo_duplo  
arc_backward_column=tmpo_unico output=output5fa55aa089254a3ba02e31092108c33a sequence=- >  
"C:/Users/pedro.venancio/AppData/Roaming/QGIS/QGIS3/profiles/default/processing/outputs/report.html" --overwrite
```

The same happens with **v.net.report** and **v.net.nreport**.

So, the **sequence=-** parameter needs to be passed to grass\_batch\_job.cmd.

Tested only in Windows, by now.

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## Associated revisions

### Revision b9f559ee - 2019-01-31 02:54 PM - Alexander Bruy

[processing] fix broken stdout handling in GRASS algs (fix #21142)

### Revision 0a5bad43 - 2019-02-01 07:06 AM - Alexander Bruy

[processing] fix broken stdout handling in GRASS algs (fix #21142)

(cherry picked from commit b9f559ee0430e09d8e1a3b70e060155635080262)

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## History

### #1 - 2019-01-31 01:00 PM - Giovanni Manghi

- *Regression? changed from No to Yes*

### #2 - 2019-01-31 02:55 PM - Alexander Bruy

- *Assignee set to Alexander Bruy*
- *Status changed from Open to In Progress*
- *Pull Request or Patch supplied changed from No to Yes*

Fix included in #21142. BTW, this is more general issue and also happened with other algorithms which output results to HTML.

### #3 - 2019-02-01 07:02 AM - Alexander Bruy

- *% Done changed from 0 to 100*
- *Status changed from In Progress to Closed*

Applied in changeset commit:qgis|b9f559ee0430e09d8e1a3b70e060155635080262.

### #4 - 2019-02-01 07:14 AM - Alexander Bruy

- *Resolution set to fixed/implemented*