

QGIS Application - Bug report #3837

new symbology line decoration has wrong orientation when final vertices are duplicated

2011-05-24 03:28 AM - Sandro Santilli

Status: Closed	
Priority: Low	
Assignee: Jürgen Fischer	
Category: Symbology	
Affected QGIS version:	Regression?: No
Operating System: All	Easy fix?: No
Pull Request or Patch supplied:	Resolution: fixed
Crashes QGIS or corrupts data:	Copied to github as #: 13895

Description

After a long time happiness due to closing ticket #3434 the wrong arrow orientation bug is back.

This time the problem is due to lines having duplicated vertices toward the end, so that the "last segment" is empty.

I hit this bug while testing handling of such cases by postgis topology so it was intentional to have lines with endings collapsed.

Example:

```
LINestring(10 0, 0 0, 0 0)
```

I haven't checked this specific case but what I'm looking at right now is an arrow pointing o the right, so I guess you'd see the same right-pointing arrow for the case above (which is instead going to the left).

Note that the same right-arrow should appear for any line orientation: vertical or diagonal...

Label orientation might be affected too, but didn't try to produce that bug (I guess it'd take making it so that centroid of the line falls on a collapsed segment)

History

#1 - 2011-05-24 01:09 PM - Sandro Santilli

The following changes since commit f88f72172450df32a41588b5b14915c69ae79c90:

Marco Hugentobler (1):

Discard empty http parameters in mapserver

are available in the git repository at:

```
git://github.com/strk/Quantum-GIS.git bug3837
```

Sandro Santilli (1):

Fix wrong arrow orientation when lines end with duplicated points (#3837)

```
src/core/symbology-ng/qgslinesymbollayerv2.cpp | 11 ++++++-----
```

1 files changed, 9 insertions(+), 2 deletions(-)

#2 - 2011-05-24 01:14 PM - Sandro Santilli

One way to pull those changes is:

```
$ git remote add strk git://github.com/strk/Quantum-GIS.git  
$ git pull strk bug3837
```

Oh, my bug3837 is branched from master, not 1_7_0 branch

#3 - 2011-05-24 01:30 PM - Sandro Santilli

Note that the change was tested with vertical, horizontal and diagonal lines. Was also tested with lines collapsed to a point, in which case no arrow is printed.

#4 - 2011-05-24 01:54 PM - Jürgen Fischer

applied in commit:ef981f19a3e0676a2e0b78412eadf213794b7eb1

#5 - 2011-07-20 03:15 AM - Paolo Cavallini

- Assignee deleted (nobody -)
- Pull Request or Patch supplied set to No

Is this fixed?

#6 - 2011-07-20 03:59 AM - Sandro Santilli

- Assignee set to Jürgen Fischer
- % Done changed from 0 to 100
- Resolution set to fixed

Looks so, yes. Jef: was it pushed to both 1.7 and master ?

#7 - 2011-07-20 04:08 AM - Jürgen Fischer

- Status changed from Open to Closed

Sandro Santilli wrote:

| Looks so, yes. Jef: was it pushed to both 1.7 and master ?

yes, in commit:3f60dc09edd2b73979dcc553aa94ee2353e69c01