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 happyness 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