

## QGIS Application - Bug report #5025

### issue in snapping of point

2012-02-15 10:56 AM - Leyan Ouyang

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>	Jürgen Fischer	
<b>Category:</b>	Digitising	
<b>Affected QGIS version:</b>	master	<b>Regression?:</b> No
<b>Operating System:</b>	Ubuntu	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	Yes	<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b>	No	<b>Copied to github as #:</b> 14801
<b>Description</b>		
<p>If I want to use snapping on a segment and move a point using node tool, the point will not snap to the line, but go a certain distance away. If I follow the line while continuously holding the mouse button, the point will follow and remain at the same distance.</p> <p>This problem apparently appeared with the commit:6b07241f2447030bd5c9be374975d585ce0c15b2 to solve #5024.</p>		

#### History

##### #1 - 2012-02-19 11:53 AM - Leyan Ouyang

- File *fix\_node\_tool.patch* added

I had a look at the code. It seems to be due to the use of the function `closestVertex` of `on the geometry of the feature`. As this geometry is not updated as soon as a vertex is modified, the old position is used and it creates issues in the calculation of the movement to apply.

Is there a reason not to use the coordinates of the snapped vertex `snapResult.snappedVertex` ? I tried and during my limited testing it worked perfectly.

I join a patch correcting this bug by using the snapped vertex information, as well as improving a few other things. My understanding of the code is still quite shallow and I am not very proficient with git and patching, please comment if there is any problem with the patch.

##### #2 - 2012-02-21 06:38 AM - Marco Hugentobler

- Pull Request or Patch supplied changed from No to Yes

- Assignee set to Jürgen Fischer

##### #3 - 2012-09-04 12:08 PM - Paolo Cavallini

- Target version set to Version 2.0.0

##### #4 - 2013-10-15 04:55 AM - Jürgen Fischer

- Category set to Digitising

##### #5 - 2014-02-17 09:32 PM - Leyan Ouyang

- Status changed from Open to Closed

The problem went away, this bug can be closed.

#### Files

fix_node_tool.patch	10.4 KB	2012-02-19	Leyan Ouyang
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