

## QGIS Application - Bug report #20774

### Vertex tool wrong behavior

2018-12-11 02:53 PM - Nikolai Krawczak

<b>Status:</b>	Closed	
<b>Priority:</b>	High	
<b>Assignee:</b>	Martin Dobias	
<b>Category:</b>	Digitising	
<b>Affected QGIS version:</b>	3.5(master)	<b>Regression?:</b> Yes
<b>Operating System:</b>	Ubuntu 16.04	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	No	<b>Resolution:</b> fixed/implemented
<b>Crashes QGIS or corrupts data:</b>	No	<b>Copied to github as #:</b> 28594
<b>Description</b>		
<p>when creating a new node with topological editing active this happens: vertex_edit.gif</p> <p>expected behaviour would be being able to create a new node for both adjacent polygons, which works for me most of the time.</p> <p>I attached a Project file and gpkg.</p>		

#### Associated revisions

##### Revision 3769faa8 - 2019-01-30 10:23 AM - Martin Dobias

[vertex tool] Fix vertex addition to polygon's first segment (fixes #20774)

With topo editing mode enabled, addition of extra points to keep the topology correct wasn't working correctly because for the first segment we were getting two matches due to duplicated first and last vertex in the ring. The fix ensures that only one match will be returned for the first duplicated vertex.

##### Revision 4423caff - 2019-02-01 10:07 AM - Martin Dobias

[vertex tool] Fix vertex addition to polygon's first segment (fixes #20774)

With topo editing mode enabled, addition of extra points to keep the topology correct wasn't working correctly because for the first segment we were getting two matches due to duplicated first and last vertex in the ring. The fix ensures that only one match will be returned for the first duplicated vertex.

(cherry picked from commit 3769faa86b89b14dbde51adc19ff858469ced6f3)

#### History

##### #1 - 2018-12-11 03:00 PM - Giovanni Manghi

- Priority changed from Normal to High
- Regression? changed from No to Yes

##### #2 - 2018-12-13 09:01 PM - Jan Lippmann

i can confirm this issue

#3 - 2019-01-08 08:43 PM - Jan Lippmann

actual master commit:48db864836 is also affected

#4 - 2019-01-09 09:42 AM - Giovanni Manghi

- Operating System deleted (Win 7 64)
- Affected QGIS version changed from 3.4.2 to 3.5(master)
- Subject changed from Vertex Tool odd behavior to Vertex too wrong behavior

#5 - 2019-01-29 02:29 PM - Martin Dobias

- Status changed from Open to In Progress
- Subject changed from Vertex too wrong behavior to Vertex tool wrong behavior
- Assignee set to Martin Dobias

<https://github.com/qgis/QGIS/pull/9024>

#6 - 2019-01-30 10:22 AM - Martin Dobias

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

Applied in changeset commit:qgis|3769faa86b89b14dbde51adc19ff858469ced6f3.

#7 - 2019-01-30 11:17 AM - Giovanni Manghi

- Resolution set to fixed/implemented

Files			
vertex_edit.gif	382 KB	2018-12-11	Nikolai Krawczak
vertex_tool.qgz	4.35 KB	2018-12-11	Nikolai Krawczak
polygon.gpkg	96 KB	2018-12-11	Nikolai Krawczak