

## QGIS Application - Bug report #17754

### [Node tool] Misleading message when deleting all nodes of a ring or a part

2017-12-28 12:51 PM - Harrissou Santanna

<b>Status:</b>	Feedback	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	Digitising	
<b>Affected QGIS version:</b>	master	<b>Regression?:</b> No
<b>Operating System:</b>		<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	No	<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b>	No	<b>Copied to github as #:</b> 25650
<b>Description</b>		
<p>Select a polygon feature with a ring</p> <p>Use the node tool to select the ring vertices and delete them</p> <p>You get in the messagebar: "Geometry has been cleared. Use the add part tool to set geometry for this feature." which is a wrong message given that there's still a geometry attached to the feature. This also occurs when a part of a multi-part geometry is deleted with node tool.</p> <p>Note that using the dedicated "delete ring" or "delete part" tools do not trigger this message.</p> <p>This message should be shown only when there's no more geometry attached to the feature.</p> <p>Only master is concerned given that it looks impossible to remove all the vertices of a ring or a part (unless it's a single part feature) in 2.18</p>		

#### History

##### #1 - 2019-01-29 04:48 PM - Martin Dobias

This one is a bit weird :-) I can see a bug in the code, but fixing that bug will essentially disable the possibility to remove rings in vertex tool. There are some more bugs inside, so e.g. if I have a polygon with three holes, and select vertices of one hole and delete them, it will actually delete two holes. Vertex deletion is simply not very well handled by the core geometry classes and would need a bit of a rework...

##### #2 - 2019-03-09 04:34 PM - Giovanni Manghi

- Status changed from Open to Feedback

Please check if this issue is still valid on QGIS 3.4.5 or 3.6.