

## QGIS Application - Bug report #10982

### Polygon rendering

2014-07-30 02:05 AM - Lubos Balazovic

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	Vectors	
<b>Affected QGIS version:</b>	2.4.0	<b>Regression?:</b> No
<b>Operating System:</b>		<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	No	<b>Resolution:</b> invalid
<b>Crashes QGIS or corrupts data:</b>	No	<b>Copied to github as #:</b> 19325
<b>Description</b>  Polygon is not rendered in close view (Zoom In). To reproduce: 1. Load attached vector layer 2. set scale to 1:5000 3. Zoom In or set scale to 1:4400. No polygon is rendered.  Note: Screenshots was taken in 2.2 but bug remains also in 2.4		

#### History

##### #1 - 2014-07-30 03:48 AM - Giovanni Manghi

- Resolution set to invalid
- Status changed from Open to Closed
- File clean.dbf.zip added

The attached vector has a serious error in it

0,ring 1 with less than four points  
0,Geometry has 1 errors.

this seems the cause and makes impossible to edit the polygon, to select it, etc. Seems anyway an edge case.

Clean it with whatever tool you prefer (v.clean, the libwgeom plugin, etc.) and you will get a correct vector (attached).

##### #2 - 2014-07-31 03:46 AM - Lubos Balazovic

OK - these errors could by resolved by external tools but QGIS should give some warning, that data contains errors - if data stop working only in special scale it is very confusing.

##### #3 - 2014-07-31 09:28 AM - Giovanni Manghi

Lubos Balazovic wrote:

OK - these errors could by resolved by external tools but QGIS should give some warning, that data contains errors - if data stop working only in special scale it is very confusing.

the tools to check for geometries gives you a cleat hint. So after that usually the user can select the problem and visually have a look at it (and eventually fix it by hand). In this case the error was so weird that the polygon wasn't editable with the node tool (and selecting with the node tool qgis makes a validation and shows the results in the status bar), nor was possible to select it. Never seen anything like that. Said that, the tools to fix even beast like this are available in QGIS, in the Processing toolbox.

Files

chybny_polygon.zip	2.66 KB	2014-07-30	Lubos Balazovic
scr01.jpg	77.5 KB	2014-07-30	Lubos Balazovic
scr02.jpg	69.2 KB	2014-07-30	Lubos Balazovic
clean.dbf.zip	2.81 KB	2014-07-30	Giovanni Manghi