

## QGIS Application - Bug report #13256

### Shapefile corrupted on edit

2015-08-24 01:37 PM - Spencer Gardner

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>		
<b>Affected QGIS version:</b>	2.10.1	<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> 21317
<b>Description</b> <p>I'm seeing some strange behavior on a shapefile I'm working with. If I draw a polygon in just the right spot and then save my edits, the polygon disappears. Any subsequent polygons that I draw and commit have the same problem. If I close QGIS, restart, and then add the same shapefile, the shape that I drew is visible, but seems to have issues. I can't always select it with the selection tool, for example.</p> <p>I initially thought the issue might be that I was drawing shapes that were partially outside of the extents of the coordinate system of the projection on the shapefile, but if I draw other shapes far away from the other features and outside of the projection extents they draw and commit without problems.</p> <p>A version of the shapefile that seems to be causing the problem is attached.</p> <p>Steps to reproduce:</p> <ol style="list-style-type: none"><li>1 - Add test.shp to empty canvas</li><li>2 - Start edit session</li><li>3 - Draw new polygon at approximately the following coordinates (+/- 1,000 ft): 255902, 513277 415154, 514104 411018, 718443 290234, 698175</li><li>4 - Save edits</li></ol> <p>What happens:</p> <p>Newly drawn polygon disappears. Shapefile is corrupted in some way. No errors to indicate that there was a problem.</p> <p>What should happen:</p> <p>Changes are rolled back and an error message is produced. Even better, QGIS handles whatever issue and the shape is committed as drawn.</p>		

#### History

#1 - 2015-09-13 05:24 AM - Saber Razmjooei

- File overlap.PNG added

- Status changed from Open to Feedback

QGIS doesn't seem to handle vectors with overlapping features properly and throws out some random errors when editing them. Feature 4 and 10 in your shapefile contains some overlapping.

Could you remove those features and try again? Also, worth trying in QGIS master.

**#2 - 2015-09-15 06:56 AM - Spencer Gardner**

OK. More weirdness. When I delete features 4 and 10, commit edits, turn off editing, and then zoom, all features in the shapefile disappear. If I close QGIS, reopen, and add the modified shapefile to the canvas, I can see the features until I zoom again at which point they disappear. Same behavior in the latest nightly.

**#3 - 2015-09-15 06:57 AM - Spencer Gardner**

Additional request: Can we mark this for causing corruption?

**#4 - 2015-09-15 07:00 AM - Spencer Gardner**

Additional testing: I imported the shapefile to a PostGIS database and was unable to recreate the problem. It appears to be isolated to shapefiles.

**#5 - 2015-09-15 07:02 AM - Saber Razmjooei**

Could you also save it as new shapefile and test?

**#6 - 2015-09-15 07:06 AM - Spencer Gardner**

I saved test.shp as test2.shp and then deleted features 4 and 10. The issue does not occur on test2.shp.

**#7 - 2015-09-15 07:28 AM - Saber Razmjooei**

Could be related to this #13297

**#8 - 2015-12-10 09:23 AM - Spencer Gardner**

- Status changed from Feedback to Closed

Thanks. Looks like this is part of the issue reported at #11007 (also connected with the issue linked above).

Files			
test.zip	87.1 KB	2015-08-24	Spencer Gardner
overlap.PNG	33.8 KB	2015-09-13	Saber Razmjooei