QGIS Application - Bug report #1572
new features will not display before spatial index is recreated/QGIS restarted

2009-03-12 11:37 AM - paull -

Status:	Closed		
Priority:	Low		
Assignee:	Marco Hugentobler		
Category:	Vectors		
Affected QGIS version:		**Regression?:**	No
Operating System:	All	**Easy fix?:**	No
Pull Request or Patch supplied:		**Resolution:**	fixed
Crashes QGIS or corrupts data:		**Copied to github as #:**	11632

Description

I've imported some shapefile-exports (Geomedia) and added line-features in QGIS. The lines were showing up nicely, until I hit "Toggle editing" and "save". After saving, the features immediately disappeared. I saved everything, restarted QGIS, still not there. (Features were showing up in the table though). I restarted QGIS again, still no sign. I've tried theo whole thing again, drawing new features, and again: as soon as I saved the edits, they would disappear. I hit "create spatial index" and boom: immediately all those features get displayed.

History

#1 - 2009-03-12 12:15 PM - Borys Jurgiel

I confirm. I observed the same issue several times.

#2 - 2009-03-12 01:04 PM - Maciej Sieczka -

I noticed a similar thing on Windows couple of versions ago.

#3 - 2009-03-13 08:19 AM - paull -

same thing happens again today, after a restart, with the same layers. Newly added features will only show up after (re-)creating the spatial index.

#4 - 2009-04-27 08:18 AM - paull -

Theres a second funny thing that I think is related to this bug.

- Layer A and Layer B both use the same shape-file to display features of that shape-file (in my case: Points)

- I add points (working with Layer A); The new points are being drawn on the map in Layer A; They disappear as soon as I save the changes to the shapefile and reappear as soon as I rebuild the index (see description above). However: The new points never appear on Layer B throughout the process, even though this layer references the same Shapefile as Layer A.

- It takes a complete Restart of QGIS to have Layer B display the newly added points as well. Zooming, panning, disabling and reenabling all doesn't work; the only way to force Layer B to refresh seems to be a restart of QGIS.

#5 - 2009-07-13 03:11 AM - Giovanni Manghi

Confirmed on Qgis 1.2 from trunk on Ubuntu 9.04. Pushing the milestone to 1.2

#6 - 2009-07-31 06:29 AM - Marco Hugentobler

- Resolution set to fixed

- Status changed from Open to Closed

Fixed in commit:e00cfa7b (SVN r11226). The spatial index is now recreated if geometry changes are commited. Note that there is work in progress in the OGR library related to a more efficient update of the spatial index.

Files

shapefiles.zip	54 KB	2009-03-13	paull -