

QGIS Application - Bug report #1977

spatialite layers disappear when enabling reprojection

2009-10-05 09:00 AM - Paolo Cavallini

Status:	Closed	
Priority:	Low	
Assignee:	nobody -	
Category:	Data Provider	
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 #: 12037
Description		
Load a [[SpatialLite]] layer; enable on the fly reprojection; the layer is no longer shown on the canvas. If you load it again, all ok		

History

#1 - 2009-10-05 09:07 AM - Jürgen Fischer

not reproducible here. Are you projecting to the same CRS your data is in?

#2 - 2009-10-05 09:17 AM - Paolo Cavallini

Right - if I do the same in a different projection, this does not appear.

#3 - 2009-10-22 05:39 AM - Giovanni Manghi

I confirm the behaviour with qgis trunk and ubuntu 9.04.

The weird thing is that if OTFR is enabled **before** (regardless of the CRS) adding the spatialite layer, then it goes everything ok. If is enabled after adding it, then it disappears.

#4 - 2009-11-11 07:40 PM - Steven Mizuno

I have also noticed this problem. In [[QgsSpatialLiteProvider]]::select() near the bottom of the function (about line 592) the valid variable is set false on a failed database request. This may occur if the extent requested is out of bounds for the layer's CRS.

Once valid is false the provider won't return any data.

I believe the valid variable should NOT be set false just because there is an error in the current database request.

I believe #2047 is another manifestation of this.

#5 - 2009-11-29 02:34 AM - Giovanni Manghi

This is still confirmed and I (only) now noticed that this is the same identical problem that we have now also with shapefiles (until a few days ago with shapefiles worked ok). See #2148.

Resuming:

Add a layer **then** enable OTFR and choose a crs for the project.

- 1) If the layer crs is equal to the project crs, than is all ok
- 2) if the layer crs is different from the project crs than it doesn't show in map canvas

You may also want to try this:

Open a new project, enable OTFR, choose a crs for project and **then** add a layer

- 1) Even if the project crs is different from the layer crs it seems to work fine, but...
- 2) If you then choose another crs for the project (different from the layer crs), then again the layer will not show in map canvas.

I will test also postgis and then repost back.

#6 - 2009-11-29 02:41 AM - Giovanni Manghi

And it is confirmed also for Postgis layers.

#7 - 2009-11-29 02:51 AM - Giovanni Manghi

Well it seems to me that this is no more a data provider problem but instead a projection one. Please not that until a few days ago shapes and postgis worked fine.

I believe that one among #1977 and #2148 can be closed as duplicate.

#8 - 2009-12-03 02:54 AM - Giovanni Manghi

- *Resolution set to fixed*
- *Status changed from Open to Closed*

The fix for #2148 fixed also this one. Thanks.