

QGIS Application - Bug report #1802

problem when using a geographic CRS after changing the central meridian

2009-07-22 06:50 AM - Giovanni Manghi

Status: Closed	
Priority: Low	
Assignee: nobody -	
Category: Projection Support	
Affected QGIS version:	Regression?: No
Operating System: All	Easy fix?: No
Pull Request or Patch supplied:	Resolution: duplicate
Crashes QGIS or corrupts data:	Copied to github as #: 11862

Description

Tested with both shapefiles and postgis.

How to reproduce the problem:

*) download this shapefile of the world borders http://thematicmapping.org/downloads/TM_WORLD_BORDERS-0.3.zip

*) add it to your project

*) add a custom CRS with the following definition (for example) "+proj=moll +lon_0=Central Meridian +x_0=False Easting +y_0=False Northing"

*) in the project properties choose the just created CRS and activate OTFR

*) the layer shows correctly

*) now go to the CRS management and change the central meridian "+proj=moll +lon_0=90 +x_0=False Easting +y_0=False Northing"

*) in the project properties change again to wgs84 and back again to the custom CRS, now the shape looks weird.

*) if you zoom in enough the problem disappear

History

#1 - 2009-08-26 02:15 AM - Magnus Homann

- Resolution set to duplicate

- Status changed from Open to Closed

This is a duplicate of #597. As you can see the American continent wraps around, which means the polygons should really be split.

Basically, you can't set up your projections such that geometries must be split.

Files

moll.jpg	41.8 KB	2009-07-22	Giovanni Manghi
Screenshot.png	13.7 KB	2009-07-22	Giovanni Manghi