

QGIS Application - Bug report #2907

QGIS crashes with on the fly reprojection enabled, project in "google mercator" and vector in wgs84

2010-07-25 08:40 AM - Giovanni Manghi

Status: Closed	
Priority: Low	
Assignee: nobody -	
Category: Projection Support	
Affected QGIS version:	Regression?: No
Operating System: Debian	Easy fix?: No
Pull Request or Patch supplied:	Resolution: duplicate
Crashes QGIS or corrupts data:	Copied to github as #: 12967

Description

I will describe two behaviours, the latter causes QGIS to crash.

First:

*) download the world borders shapefile

http://thematicmapping.org/downloads/TM_WORLD_BORDERS-0.3.zip

add it to qgis and then configure the project properties with "On the fly reprojection" enabled and the CRS as "Google Mercator".

The vector never shows and QGIS keeps telling "invalid scale".

Second:

in a new project add the world borders shapefile and then extract a country (select the country -> save as...) and then add it to qgis. You will have the extracted country above the world borders shapefile.

Now change the project CRS to "Google mercator" and enable "On the fly reprojection". Everything will go out of sight, but if you do "zoom to layer" on the single country layer you will see the country and the underlying world borders shapefile.

Now start to zoom out, at some point QGIS crashes with

```
Fatal: ASSERT: "std::abs( r_d ) > SMALL_NUM && std::abs( r_n ) > SMALL_NUM" in file
/build/builddd/qgis-1.5.0/src/core/qgsclipper.h, line 270
Aborted
```

I'm under Ubuntu 10.04 and QGIS 1.5.

History

#1 - 2010-11-12 01:19 AM - Volker Fröhlich

- Resolution set to duplicate

- Status changed from Open to Closed

Ad 1: The "cause" of problem is the Antarctic. I think it's a duplicate to #3081.

Ad 2: That also works for the original layer, if you select a country in the attribute table and zoom to it. It will crash after some zooming around, never the

less, leading us back to the original problem.