

QGIS Application - Bug report #9392

Ortho Projection produces artifacts

2014-01-21 01:45 AM - achim tack

Status: Closed	
Priority: Normal	
Assignee:	
Category: Projection Support	
Affected QGIS version: master	Regression?: No
Operating System:	Easy fix?: No
Pull Request or Patch supplied: No	Resolution: fixed/implemented
Crashes QGIS or corrupts data: No	Copied to github as #: 17990
Description	
<p>I'm trying to create a sphere-like view using qgis and the "world from space"-projection http://spatialreference.org/ref/sr-org/6980/ (essentially an ortho-projection). ArcGIS wraps the shapes correctly but QGIS (2.01) produces nasty artifacts.</p> <p>Currently for this to work you'll need to crop your layer before projecting it: Project your shapefile to an azimuthal equidistant projection with the same parameters as the orthographic projection, create a clipping circle that covers the hemisphere that will be visible in the orthographic projection, and clip the shapefile with that. However, that method requires a fair bit of manual effort, and doesn't work for all projection parameters, since projecting to an azimuthal equidistant projection can lead to similar problems as projecting to an orthographic projection.</p>	

Associated revisions

Revision 454cce89 - 2018-03-06 12:26 AM - Nyal Dawson

Don't try to render non-finite points

They occur as a result of reprojection errors, and cause a line to be extend to the top-left of the canvas.

Fixes #9392

Revision 7b7f915a - 2018-03-06 02:20 AM - Nyal Dawson

Don't try to render non-finite points

They occur as a result of reprojection errors, and cause a line to be extend to the top-left of the canvas.

Fixes #9392

(cherry-picked from 454cce89)

History

#1 - 2014-01-22 11:11 AM - Giovanni Manghi

- Status changed from Open to Feedback
- Target version set to Future Release - High Priority
- Category set to Projection Support

Maybe the issue described in paragraph 12.1.6 (of the QGIS 2.0) user manual does help solve the issue?

#2 - 2014-06-23 04:32 AM - Giovanni Manghi

- Status changed from *Feedback* to *Open*
- Affected QGIS version changed from *2.0.1* to *master*

#3 - 2017-05-01 01:08 AM - Giovanni Manghi

- Regression? set to *No*
- Easy fix? set to *No*

#4 - 2018-03-06 12:26 AM - Nyal Dawson

- Status changed from *Open* to *Closed*
- % Done changed from *0* to *100*

Applied in changeset commit:qgis|454cce89f1fb45978fb75166616063d90a7563b3.

#5 - 2018-03-06 09:55 AM - Giovanni Manghi

- Resolution set to *fixed/implemented*
- Description updated

Files

1VNJA.png	164 KB	2014-01-21	achim tack
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