

QGIS Application - Bug report #15680

Clipping of raster with GDAL may hang QGIS

2016-10-08 02:56 AM - Paolo Cavallini

Status: Closed	
Priority: High	
Assignee: Victor Olaya	
Category: Processing/GDAL	
Affected QGIS version: 2.18.4	Regression?: No
Operating System:	Easy fix?: No
Pull Request or Patch supplied: No	Resolution: fixed/implemented
Crashes QGIS or corrupts data: Yes	Copied to github as #: 23603
Description	
<ul style="list-style-type: none">- load a 4326 raster- reproject in 3857- clip by selecting an extent on the canvas with either GDALTools or with Processing > GDAL- the process hangs forever, because the wrong coordinates are passed	
Note: GDALTools can be interrupted, Processing not, so killing QGIS is the only way to stop the hung operation.	
The expected behaviour is that the coordinates are reprojected in the CRS of the raster before passing them to gdal_translate	

History

#1 - 2016-10-12 05:38 AM - Victor Olaya

- Status changed from Open to In Progress

The issue I see here is that the extent parameter has no CRS

We can make the assumption that it's in the Project CRS. That should be shown to the user in the parameters dialog, and all extents added automatically (from canvas, from layers, etc), should be converted.

Then, when the algorithm is called, it should be reprojected in the algorithm CRS

What do you think of this? I cannot think of a clearer solution now

For 3.0, we can change the parameter value, so it contains a CRS as well, but that would be an api break, so not for 2.16

#2 - 2017-03-07 03:36 AM - Giovanni Manghi

- Crashes QGIS or corrupts data changed from No to Yes

- Target version set to Version 2.18

- Affected QGIS version changed from 2.16.3 to 2.18.4

#3 - 2017-05-01 01:02 AM - Giovanni Manghi

- Regression? set to No

- Easy fix? set to No

#4 - 2017-10-23 11:25 AM - Alexander Bruy

- Description updated

- Status changed from In Progress to Feedback

Should be fixed in master

#5 - 2017-11-10 09:06 AM - Alexander Bruy

- *Resolution set to fixed/implemented*

- *Status changed from Feedback to Closed*

Closed for the lack of feedback. Please reopen if necessary