

QGIS Application - Bug report #574

Crash when opening .tif when projection is on

2007-02-06 05:15 AM - Magnus Homann

Status:	Closed	
Priority:	Low	
Assignee:		
Category:	Projection Support	
Affected QGIS version:		Regression?: No
Operating System:	Debian	Easy fix?: No
Pull Request or Patch supplied:		Resolution: fixed
Crashes QGIS or corrupts data:		Copied to github as #: 10633
Description		
1) Start qgis		
2) Turn on projection with default WGS84		
3) Load topo.tif (see #561)		
4) Out of memory abort		

History

#1 - 2007-02-06 06:57 AM - Magnus Homann

Also crashes trunk. The view becomes a VERY zoomed in version of the raster. The raster reading algorithm scales the raster **many** times to achieve the zoom in (0.000008 map unit per pixel). As the entire raster is read into memory, a **huge** buffer is needed. In fact, almost a Petabyte is needed, a number so big it can't be handled in a 32 bit int.

To fix this, we need to partially read rasters into memory. Or a way to decide if they should be read at all (depending on zoom-level?). Or both?

#2 - 2007-02-06 08:30 AM - Magnus Homann

- Status changed from Open to In Progress

#3 - 2007-02-06 08:31 AM - Magnus Homann

- Status changed from In Progress to Open

#4 - 2007-02-15 10:38 AM - Magnus Homann

- Resolution set to fixed

- Status changed from Open to Closed

Now checking allocation result. See .

#5 - 2009-08-22 12:51 AM - Anonymous

Milestone Version 0.8.1 deleted