

QGIS Application - Bug report #11217

crash / bad alloc when loading raster with only nodata values

2014-09-17 07:00 AM - Vincent Schut

Status: Closed	
Priority: Severe/Regression	
Assignee:	
Category: Rasters	
Affected QGIS version: master	Regression?: No
Operating System:	Easy fix?: No
Pull Request or Patch supplied: No	Resolution:
Crashes QGIS or corrupts data: Yes	Copied to github as #: 19527
Description	
<p>When loading a geotiff with only nodata values (e.g. the nodata value is set to 0, and the tif is full of 0's), qgis crashes (when started with "qgis <therasterfile.tif>") gives a "std:bad alloc" error in a small window (when loading the raster from a running qgis).</p> <p>Attached is a test file (geotiff of 10x10 pixels, all zero's, nodata=0)</p> <p>This is the output when qgis is started in the console with the offending raster as argument ("qgis empty_test_small.tif"):</p> <pre>terminate called after throwing an instance of 'std::bad_alloc' what(): std::bad_alloc Aborted (core dumped)</pre> <p>Qgis version: updated from git trunk yesterday OS: Arch Linux 64 bit</p>	

Associated revisions

Revision 086b262e - 2014-10-16 12:41 PM - Jürgen Fischer

avoid creating a histogram without range (fixes #11217)

History

#1 - 2014-10-04 03:51 AM - Giovanni Manghi

- Affected QGIS version changed from 2.4.0 to master
- Priority changed from Normal to Severe/Regression

It is a regression as it worked fine until 2.2 included. Master and 2.4 are affected. Tested on Linux and Windows.

#2 - 2014-10-16 03:41 AM - Jürgen Fischer

- Status changed from Open to Closed

Fixed in changeset commit:"086b262e41d3969daef149c2ccd2eca2ecd9a4ab".

Files

empty_test_small.tif

748 Bytes

2014-09-17

Vincent Schut