

QGIS Application - Bug report #2303

Displaying raster in a Location with undefined projection causes QGIS to crash

2009-12-20 12:34 AM - Micha Silver

Status: Closed	
Priority: Low	
Assignee: Lorenzo Masini	
Category: GRASS	
Affected QGIS version:	Regression?: No
Operating System: All	Easy fix?: No
Pull Request or Patch supplied:	Resolution: fixed
Crashes QGIS or corrupts data:	Copied to github as #: 12363
Description	
<p>When working in a Location with no projection information (an "X-Y" Location), you can display vector maps, but trying to display a raster causes QGIS to crash. Same results in both Linux and windows.</p> <p>Recreate the issue as follows: Using the "Create new Mapset" wizard create a new location with undefined CRS. Open a GRASS terminal and run <code>r.mapcalc "test=1"</code> (or equivalent in the GRASS Toolbox). Trying to add the test raster causes the crash. Vectors display properly.</p> <p>The same Location, mapset, and raster will display properly in GRASS itself - outside of QGIS.</p>	

History

#1 - 2010-01-11 12:45 PM - Redmine Admin

It is bug in GDAL GRASS driver, I have reported the bug in GDAL trac <http://trac.osgeo.org/gdal/ticket/3323> with patch attached.

Unfortunately there is no workaround in QGIS, I'll keep it open at least until the patch is applied in GDAL.

#2 - 2010-01-11 01:36 PM - Mateusz Loskot -

Radim,

Wouldn't it be simpler to fix `G_free_key_value` function in GRASS to follow semantic of `free()` and do nothing for null pointer? The `G_free` in GRASS already does nothing for null pointer, as standard `free()` promises.

#3 - 2010-01-12 07:10 AM - Redmine Admin

- Resolution set to fixed

- Status changed from Open to Closed

Yes, better to fix also in GRASS, but it would take too long to wait for it in distributions.

I close it, the fix is applied in GDAL trunk.

#4 - 2010-01-12 07:48 AM - Mateusz Loskot -

Radim,

Understood, though I still suggest to apply the fix to GRASS as well. So, once new fixed version is released, messing 3rd parties code is no longer needed.

#5 - 2010-01-12 03:51 PM - Mateusz Loskot -

The issue has been fixed in GRASS (<https://trac.osgeo.org/grass/ticket/866>)