

QGIS Application - Bug report #12133

Attempting to preview PostGIS external rasters crashes QGIS

2015-02-05 02:45 AM - Paolo Cavallini

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|---|-------------------------------------|
| Status: Closed | |
| Priority: High | |
| Assignee: | |
| Category: DB Manager | |
| Affected QGIS version: 2.6.0 | Regression?: No |
| Operating System: | Easy fix?: No |
| Pull Request or Patch supplied: | Resolution: up/downstream |
| Crashes QGIS or corrupts data: | Copied to github as #: 20327 |
| Description | |
| Loading it does not crash, but it does not show anything meaningful either. | |

History

#1 - 2015-02-19 05:54 AM - Martin Dobias

Do you mean that external raster == stored out of DB?

Could you please check the backtrace - the crash may be inside GDAL, I think it does not support out of DB rasters yet.

#2 - 2015-02-19 06:04 AM - Paolo Cavallini

Yes, I mean imported through the -R option.

Are you sure GDAL does not support them?

#3 - 2015-02-19 08:23 AM - Martin Dobias

I'm not 100% sure but judging it's not supported from:

- GDAL ticket: <http://trac.osgeo.org/gdal/ticket/3234>

- GDAL source: <http://trac.osgeo.org/gdal/browser/trunk/gdal/frmts/postgisraster/postgisrastertilerasterband.cpp#L144>

#4 - 2015-02-23 12:49 AM - Even Rouault

I confirm out-db PostGIS raster are not supported yet in GDAL. After the fix in GDAL trunk (<http://trac.osgeo.org/gdal/changeset/28530> that was a fix for a regression in trunk only and should put GDAL in the state of GDAL 1.11), I cannot get crashes however, just blank images with error messages in the console. Paolo mentioned to me he uses GDAL 1.10.1 : there have been significant rework in GDAL 1.11 in the PostGIS raster driver that might explain GDAL 1.11 and later being at least more robust when ingesting out-db raster.

#5 - 2015-10-17 03:55 PM - Jürgen Fischer

- Resolution set to up/downstream

- Status changed from Open to Closed

I can't produce a crash either - only black images. So it's a dependency issue (GDAL complains ERROR 1: This raster has outdb storage. This feature isn't still available).

