# QGIS Application - Bug report #10600
# db_manager is unable to load rasters from connections with no dbname specified

2014-06-16 04:08 AM - Sandro Santilli

| | | | | |
|---|---|---|---|---|
| **Status:** | Closed | | | |
| **Priority:** | Normal | | | |
| **Assignee:** | Sandro Santilli | | | |
| **Category:** | DB Manager | | | |
| **Affected QGIS version:** | 2.2.0 | **Regression?:** | No | |
| **Operating System:** | | **Easy fix?:** | No | |
| **Pull Request or Patch supplied:** | No | **Resolution:** | fixed/implemented | |
| **Crashes QGIS or corrupts data:** | No | **Copied to github as #:** | 19005 | |

### Description

When a database name is not specified in a postgis connection string, relying on libpq default, the loading of postgis raster tables fails.

See also #9037

### Related issues:

| | | |
|---|---|---|
| Related to QGIS Application - Bug report # 16625: DBManager fails to load ras... | **Closed** | **2017-05-26** |

## Associated revisions

### Revision da372c8d - 2016-01-19 10:58 AM - Sandro Santilli

Ensure "dbname" is always set in the uri

Fixes #10600

### Revision 13e39da0 - 2017-05-26 05:52 PM - Sandro Santilli

Ensure "dbname" is set in the uri, once again

Fixes #16625 (ref #10600)

### Revision d1e8903c - 2017-05-30 11:14 AM - Sandro Santilli

Ensure "dbname" is set in the uri, once again

Fixes #16625 (ref #10600)

### Revision 3efee437 - 2017-06-06 05:46 PM - Sandro Santilli

Add test for DBManager's PostGIS connector and plugin

Only enabled when ENABLE_PGTEST is set
Includes test for dbname-less URI and service-only URI
(ref #10600 ref #16625 ref #16626)

The test connects to the `qgis_test` database, or what the
QGIS_PGTEST_DB variable requests (as per tests/README.md)

A raster table is added to the test postgis setup script,

for use by this new test.

## History

**#1 - 2015-01-15 09:16 AM - Sandro Santilli**

This is still an issue in master (pre 2.8.0)

**#2 - 2016-01-19 01:30 AM - Sandro Santilli**

*- Status changed from Open to In Progress*

*- Target version set to Version 2.14*

still an issue in current master (2.14-pre)

**#3 - 2016-01-19 01:34 AM - Sandro Santilli**

It turns out this was broken by commit:62b2c1fcabc88e82b0229790b56a7a9ada0f5771 to fix #11886

**#4 - 2016-01-19 01:58 AM - Sandro Santilli**

*- Status changed from In Progress to Closed*

Fixed in changeset commit:"da372c8d40b1f81eb2fc307edc77199ba540bf10".

**#5 - 2016-01-19 02:35 AM - Jürgen Fischer**

Is the requirement to have a dbname when loading a raster layer the problem?

**#6 - 2016-01-19 02:52 AM - Sandro Santilli**

Yes, GDAL complained at least a dbname was needed.

**#7 - 2016-01-19 02:53 AM - Sandro Santilli**

I guess a ticket could also be filed against GDAL to request allowing that, btw

**#8 - 2016-01-19 03:02 AM - Sandro Santilli**

*- Status changed from Closed to Reopened*

Upstream filed: https://trac.osgeo.org/gdal/ticket/6316

I'm reopening this to try another approach, less intrusive

**#9 - 2016-01-19 03:15 AM - Sandro Santilli**

I have another patch that only adds the "dbname" in the URI of raster layers, rather than in all postgresql layers.
Is it to be preferred leaving dbname undefined in the project file, when it was in the connection configuration ?

**#10 - 2016-01-19 03:16 AM - Sandro Santilli**

I shall note that "host" and "port" are still being enforced in the URI (from before my first patch)

**#11 - 2016-01-19 03:27 AM - Sandro Santilli**

*- Resolution set to fixed/implemented*

*- File gdal_only_dbname.patch added*

*- Status changed from Reopened to Closed*

Well, I'll leave master as it is. After all that's how it behaved before  commit:62b2c1fcabc88e82b0229790b56a7a9ada0f5771 which was meant to fix
another issue (username/password in project file).

The patch to restrict the scope of enforcing a "dbname" component is attached to this ticket, in case there are other views and a discussion should follow.

**#12 - 2017-05-26 01:39 PM - Sandro Santilli**

*- Description updated*

This regressed (see #16625)

**#13 - 2017-05-26 01:47 PM - Sandro Santilli**

*- Related to Bug report #16625: DBManager fails to load raster from dbname-less connection added*

## Files

| | | | | |
|---|---|---|---|---|
| gdal_only_dbname.patch | 2.28 KB | 2016-01-19 | | Sandro Santilli |