

QGIS Application - Bug report #4259

Get "no password supplied" error but cannot provide one

2011-09-04 03:39 PM - Aren Cambre

Status:	Closed	
Priority:	High	
Assignee:		
Category:	GRASS	
Affected QGIS version:	master	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:	No	Resolution: fixed
Crashes QGIS or corrupts data:	No	Copied to github as #: 14203
Description When I run GRASS's v.in.ogr.qgis via the GRASS plugin, I get this error: *v.in.ogr -o "dsn=PG:dbname='de' host=localhost port=5432 user='postgres' sslmode=disable" "layer=raw.TxDOT crash" "where="Cnty_ID" = 57" output=pointdata snap=-1 min_area=0.0001 ERROR 1: PQconnectdb failed. fe_sendauth: no password supplied % Unable to open data source Finished with error* The problem is there is no place to enter a password in the dialog. I can only make a guess as to what's going on. I did not tell QGIS to remember the password for security reasons. But it shouldn't matter whether I check this--QGIS should remember the password for the duration of the session, right?		
Related issues: Duplicated by QGIS Application - Bug report # 5135: Spurious "Password" field... Closed 2012-03-08		

Associated revisions

Revision 3cea699a - 2012-02-19 05:06 PM - Jürgen Fischer

fix #4259

History

#1 - 2011-09-04 04:05 PM - Aren Cambre

Confirmed: when the DB connection is set to remember the password, GRASS has no problem. This seems like a problem when you're dealing with sensitive data; it's preferable to not have the password stored in clear text on the hard drive.

#2 - 2011-09-05 12:17 AM - Giovanni Manghi

Aren Cambre wrote:

Confirmed: when the DB connection is set to remember the password, GRASS has no problem. This seems like a problem when you're dealing with sensitive data; it's preferable to not have the password stored in clear text on the hard drive.

is this really a QGIS problem or a GRASS one? Did you try to import a Postgis vector into native GRASS?

#3 - 2011-09-05 01:05 AM - Paolo Cavallini

- *Status changed from Open to Rejected*
- *Resolution set to invalid*

You have to define connection parameters to the DB before running the command.

#4 - 2011-09-05 06:44 AM - Aren Cambre

- *Resolution deleted (invalid)*

This is minimally a UI bug.

A user may decline to save the password in the connection if he doesn't want the password stored on clear text on the hard drive. This is a valid measure to increase security. If this happens, QGIS prompts the user the first time the connection is accessed in the user session.

The UI problem is twofold:

1. Nowhere in the UI does it tell me that I needed to save the password in the connection for GRASS to work.
2. If I didn't save the password, I have no opportunity to re-enter a password.

And I don't think it's a UI problem. Even if I don't save the password in the connection, QGIS *does know* the password for the duration of the QGIS session. How do I know? After I type in a password for the first time, all subsequent accesses to the same connection don't re-prompt me for the password. So if QGIS "remembers" the password for the user session, why can't it share it with GRASS when it fires off a GRASS module?

#5 - 2011-09-05 06:47 AM - Paolo Cavallini

- *Resolution set to invalid*

GRASS does not use, by design, QGIS connection. Please read GRASS docs.

#6 - 2011-09-05 07:01 AM - Aren Cambre

- *File posgresConnection.png added*
- *Resolution deleted (invalid)*

I understand. QGIS constructs a connection string for GRASS, which is passed to GRASS in the command line.

That's not the issue.

The problem is if I don't check **Save Password** in the **Create a New PostGIS connection** dialog (what you get after hitting **New** or **Edit** in the **Add PostGIS Table** dialog) in QGIS when setting up a connection--way before I can even think about doing anything with GRASS--then QGIS declines to provide the password to GRASS.

Why does *saving the password* have anything to do with whether QGIS provides the password to GRASS? There is no logical connection between the two, hence it's unintuitive. **It's not explained anywhere in the UI.**

QGIS should do one of:

1. Provide the password to GRASS even if it's not saved in the connection. QGIS does know the password if I've opened the PostGIS layer upon which I

want it to operate. QGIS prompted me for a password when I opened the layer. See the attached image.

- 2. When I invoke a GRASS module and I didn't save the password in the connection file, allow me the opportunity to specify a password instead of just causing an error.
- 3. At least inform me of the problem, that QGIS can't give GRASS the password because QGIS needs me to **save** the password in the connection before invoking grass.

If you keep this as invalid, you're saying that:

- 1. Only the least secure state for password management is valid for interacting with GRASS.
- 2. The UI is not going to tell anyone about this, nor will it allow the user to provide a password to GRASS, forcing more secure users to play a large guessing game every time they invoke GRASS.

#7 - 2012-02-18 04:32 PM - Aren Cambre
- Affected QGIS version set to master
- Crashes QGIS or corrupts data set to No

Any chance this can be reconsidered? At a minimum, the UI could be improved to make this more clear to users.

#8 - 2012-02-21 12:26 AM - Jürgen Fischer
- Resolution set to fixed
- Status changed from Rejected to Closed

Files			
posrgresConnection.png	27.4 KB	2011-09-05	Aren Cambre