

QGIS Application - Bug report #13683

DBManager doesn't work with the new authentication system

2015-10-27 02:04 AM - Jérôme Guélat

Status: Closed	
Priority: High	
Assignee: Larry Shaffer	
Category: Authentication system	
Affected QGIS version: master	Regression?: No
Operating System:	Easy fix?: No
Pull Request or Patch supplied:	Resolution: fixed/implemented
Crashes QGIS or corrupts data:	Copied to github as #: 21714
Description	
DBManager can't connect to a PostGIS database using the new authentication system...	
UnicodeDecodeError: 'ascii' codec can't decode byte 0xc3 in position 31: ordinal not in range(128)	
Traceback (most recent call last):	
File "C:/OSGEO4~1/apps/qgis/.python/plugins/db_manager/db_model.py", line 422, in rowCount	
self._refreshIndex(parent, True)	
File "C:/OSGEO4~1/apps/qgis/.python/plugins/db_manager/db_model.py", line 473, in refreshIndex	
if item.populate():	
File "C:/OSGEO4~1/apps/qgis/.python/plugins/db_manager/db_model.py", line 158, in populate	
if not connection.connect():	
File "C:/OSGEO4~1/apps/qgis/.python/plugins/db_manager/db_plugins/postgis/plugin.py", line 98, in connect	
return self.connectToUri(uri)	
File "C:/OSGEO4~1/apps/qgis/.python/plugins/db_manager/db_plugins/plugin.py", line 102, in connectToUri	
self.db = self.databasesFactory(self, uri)	
File "C:/OSGEO4~1/apps/qgis/.python/plugins/db_manager/db_plugins/postgis/plugin.py", line 68, in databasesFactory	
return PGDatabase(connection, uri)	
File "C:/OSGEO4~1/apps/qgis/.python/plugins/db_manager/db_plugins/postgis/plugin.py", line 106, in init	
Database._init__(self, connection, uri)	
File "C:/OSGEO4~1/apps/qgis/.python/plugins/db_manager/db_plugins/plugin.py", line 211, in init	
self.connector = self.connectorsFactory(uri)	
File "C:/OSGEO4~1/apps/qgis/.python/plugins/db_manager/db_plugins/postgis/plugin.py", line 109, in connectorsFactory	
return PostGisDBConnector(uri)	
File "C:/OSGEO4~1/apps/qgis/.python/plugins/db_manager/db_plugins/postgis/connector.py", line 57, in init	
err = unicode(e)	
UnicodeDecodeError: 'ascii' codec can't decode byte 0xc3 in position 31: ordinal not in range(128)	
Python version: 2.7.5 (default, May 15 2013, 22:44:16) [MSC v.1500 64 bit (AMD64)]	
QGIS version: 2.12.0-Lyon Lyon, cd9d645	
Related issues:	
Duplicated by QGIS Application - Bug report # 13841: DbManager does not use t...	Closed 2015-11-16

History

#1 - 2015-10-27 02:06 AM - Saber Razmjooei

- Category set to Authentication system

#2 - 2015-10-27 11:44 AM - Larry Shaffer

- Assignee set to Larry Shaffer

- Target version set to Future Release - High Priority

#3 - 2015-10-27 12:51 PM - Larry Shaffer

Hi,

I can not replicate any problems with using the auth system with DB Manager here. Seems your version of Python has the new error support, which means DB Manager needs updated.

```
File "C:/OSGEO4~1/apps/qgis/.python/plugins/db_manager/db_plugins/postgis/connector.py", line 57, in init
err = unicode(e)
```

Change that line to just:

```
err = e
```

and re-lanuch QGIS and see if DB Manager gives you a useful error (instead of just an error about the error).

#4 - 2015-10-28 08:17 AM - Jérôme Guélat

Hi and thanks for having a look at this problem. I currently have 2 PostGIS connections, one with the old authentication system and one with the new system (using basic authentication). I can open the first connection without any problem in DBManager, but trying to open the second one freezes QGIS during 3-5 seconds and I get an error message. Here's what I get after changing `err = unicode(e)` to `err = e`:

```
TypeError: QgsCredentials.get(QString, QString, QString, QString message=QString.null) -> (bool, QString, QString): argument 4 has unexpected type
'OperationalError'
```

Traceback (most recent call last):

```
File "C:/OSGEO4~1/apps/qgis/.python/plugins/db_manager/db_model.py", line 422, in rowCount
    self._refreshIndex(parent, True)
```

```
File "C:/OSGEO4~1/apps/qgis/.python/plugins/db_manager/db_model.py", line 473, in refreshIndex
    if item.populate():
```

```
File "C:/OSGEO4~1/apps/qgis/.python/plugins/db_manager/db_model.py", line 158, in populate
    if not connection.connect():
```

```
File "C:/OSGEO4~1/apps/qgis/.python/plugins/db_manager/db_plugins/postgis/plugin.py", line 98, in connect
    return self.connectToUri(uri)
```

```
File "C:/OSGEO4~1/apps/qgis/.python/plugins/db_manager/db_plugins/plugin.py", line 102, in connectToUri
    self.db = self.databasesFactory(self, uri)
```

```
File "C:/OSGEO4~1/apps/qgis/.python/plugins/db_manager/db_plugins/postgis/plugin.py", line 68, in databasesFactory
    return PGDatabase(connection, uri)
```

```
File "C:/OSGEO4~1/apps/qgis/.python/plugins/db_manager/db_plugins/postgis/plugin.py", line 106, in init
    Database._init__(self, connection, uri)
```

```
File "C:/OSGEO4~1/apps/qgis/.python/plugins/db_manager/db_plugins/plugin.py", line 211, in init
    self.connector = self.connectorsFactory(uri)
```

```
File "C:/OSGEO4~1/apps/qgis/.python/plugins/db_manager/db_plugins/postgis/plugin.py", line 109, in connectorsFactory
    return PostGisDBConnector(uri)
```

```
File "C:/OSGEO4~1/apps/qgis/.python/plugins/db_manager/db_plugins/postgis/connector.py", line 62, in init
    (ok, username, password) = QgsCredentials.instance().get(conninfo, username, password, err)
```

```
TypeError: QgsCredentials.get(QString, QString, QString, QString message=QString.null) -> (bool, QString, QString): argument 4 has unexpected type
'OperationalError'
```

Thanks for your help!

#5 - 2015-12-03 12:20 AM - Kirill Krasnoschekov

Hi, I can confirm this bug.

Connection seems to work (when I create connection in "Add PostGIS Table(s)" dialog and run test, the test passes; I can load tables from this DB into project without DBManager), but when I try to open this DB in DBManager, I get the same error message.

There's one difference: old authentication doesn't work for me.

```
TypeError: QgsCredentials.get(QString, QString, QString, QString message=QString.null) -> (bool, QString, QString): argument 4 has unexpected type 'OperationalError'
```

Traceback (most recent call last):

```
File "C:/OSGEO4~1/apps/qgis/.python/plugins/db_manager/db_model.py", line 422, in rowCount
```

```
self._refreshIndex(parent, True)
```

```
File "C:/OSGEO4~1/apps/qgis/.python/plugins/db_manager/db_model.py", line 473, in _refreshIndex
```

```
if item.populate():
```

```
File "C:/OSGEO4~1/apps/qgis/.python/plugins/db_manager/db_model.py", line 158, in populate
```

```
if not connection.connect():
```

```
File "C:/OSGEO4~1/apps/qgis/.python/plugins/db_manager/db_plugins/postgis/plugin.py", line 98, in connect
```

```
return self.connectToUri(uri)
```

```
File "C:/OSGEO4~1/apps/qgis/.python/plugins/db_manager/db_plugins/plugin.py", line 102, in connectToUri
```

```
self.db = self.databasesFactory(self, uri)
```

```
File "C:/OSGEO4~1/apps/qgis/.python/plugins/db_manager/db_plugins/postgis/plugin.py", line 68, in databasesFactory
```

```
return PGDatabase(connection, uri)
```

```
File "C:/OSGEO4~1/apps/qgis/.python/plugins/db_manager/db_plugins/postgis/plugin.py", line 106, in __init__
```

```
Database.__init__(self, connection, uri)
```

```
File "C:/OSGEO4~1/apps/qgis/.python/plugins/db_manager/db_plugins/plugin.py", line 211, in __init__
```

```
self.connector = self.connectorsFactory(uri)
```

```
File "C:/OSGEO4~1/apps/qgis/.python/plugins/db_manager/db_plugins/postgis/plugin.py", line 109, in connectorsFactory
```

```
return PostGisDBConnector(uri)
```

```
File "C:/OSGEO4~1/apps/qgis/.python/plugins/db_manager/db_plugins/postgis/connector.py", line 62, in __init__
```

```
(ok, username, password) = QgsCredentials.instance().get(conninfo, username, password, err)
```

```
TypeError: QgsCredentials.get(QString, QString, QString, QString message=QString.null) -> (bool, QString, QString): argument 4 has unexpected type 'OperationalError'
```

Python version: 2.7.5 (default, May 15 2013, 22:44:16) [MSC v.1500 64 bit (AMD64)]

QGIS version: 2.12.0-Lyon Lyon, cd9d645

#6 - 2015-12-24 03:38 PM - Sebastian Dietrich

See #13841, which is a duplicate of this bug? There is a patch ([PR 2473](#)) supplied there.

#7 - 2016-01-15 01:45 AM - Alexander Bruy

- Resolution set to fixed/implemented

- Status changed from Open to Closed

Corresponding PR merged. Reopen is necessary