

QGIS Application - Bug report #16756

Encoding error in DB Manager

2017-06-26 03:48 PM - Julien Sabatier

Status: Closed	
Priority: High	
Assignee:	
Category: DB Manager	
Affected QGIS version: 2.18.10	Regression?: Yes
Operating System: Debian, Windows	Easy fix?: No
Pull Request or Patch supplied:	Resolution: invalid
Crashes QGIS or corrupts data:	Copied to github as #: 24655

Description

Since this commit:14ab5eb0bda9a5993b9ab15a3b7de1af9df8dcba

I get this error when trying to import data via 'cadastre' module in a PostGIS database :

```
UnicodeEncodeError: 'ascii' codec can't encode character u'\xe9' in position 104: ordinal not in range(128)
Traceback (most recent call last):
  File "C:/Users/julien.sabatier/.qgis2/python/plugins/cadastre/cadastre_dialogs.py", line 1090, in processImport
    qi.importMajic()
  File "C:/Users/julien.sabatier/.qgis2/python/plugins/cadastre/cadastre_import.py", line 419, in importMajic
    self.executeSqlScript(s, False, item.has_key('constraints'))
  File "C:/Users/julien.sabatier/.qgis2/python/plugins/cadastre/cadastre_import.py", line 1064, in executeSqlScript
    self.executeSqlQuery(sql, ignoreError)
  File "C:/Users/julien.sabatier/.qgis2/python/plugins/cadastre/cadastre_import.py", line 1115, in executeSqlQuery
    c = self.connector._execute_and_commit(sql)
  File "C:/PROGRA~1/QGIS2~1.18/apps/qgis/.python/plugins/db_manager/db_plugins/connector.py", line 95, in
_execute_and_commit
    self._execute(None, sql)
  File "C:/PROGRA~1/QGIS2~1.18/apps/qgis/.python/plugins/db_manager/db_plugins/connector.py", line 81, in _execute
    cursor.execute(str(sql))
UnicodeEncodeError: 'ascii' codec can't encode character u'\xe9' in position 104: ordinal not in range(128)
```

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

Version de QGIS : 2.18.10 Las Palmas, 59e0f78

It look like the use of the str function in the connector create this error.

Have you some solution to fix this ? Is it a configuration problem with my environment ?

I tried both on a Debian and Windows platform and each time with the 2.18 version of QGis I have this error.

History

#1 - 2017-07-10 02:22 PM - Martin HOFFMANN

Hello, I opened an issue #16833 that might also be linked to this bug, can you try reproduce on your side?

Sorry if I posted in the wrong place, I'm more a user than a developer :/

#2 - 2017-07-13 01:19 PM - Giovanni Manghi

- Subject changed from *Encoding error in db_manager/db_plugin* to *Encoding error in DB Manager*
- Affected QGIS version changed from *master* to *2.18.10*
- Easy fix? changed from *Yes* to *No*

#3 - 2017-07-13 01:20 PM - Giovanni Manghi

- Status changed from *Open* to *Feedback*

Can you please describe the steps to follow in order to replicate? I'm not familiar with the "cadastre" module (plugin?). Thanks!

#4 - 2017-07-13 02:02 PM - Julien Sabatier

Giovanni Manghi wrote:

| *Can you please describe the steps to follow in order to replicate? I'm not familiar with the "cadastre" module (plugin?). Thanks!*

I don't think that you can reproduce it easily as files needed to import data are private ones, their access is restricted to public administration because they include data on parcels owners.

Actually the developers of this module work on a patch to handle this bug at the module level : <https://github.com/3liz/QgisCadastrePlugin/issues/106>

#5 - 2017-07-13 02:04 PM - Giovanni Manghi

| *Actually the developers of this module work on a patch to handle this bug at the module level :*
<https://github.com/3liz/QgisCadastrePlugin/issues/106>

so the developer of "cadastre" thinks it is a "cadastre" issue and not a DB Manager one?

#6 - 2017-07-13 02:22 PM - Julien Sabatier

Yes, they wrote a patch for `use encode('utf-8')` at the module level, that makes sense as the module is responsible of the data he imports.

<https://github.com/3liz/QgisCadastrePlugin/commit/58beda12cbd454b98b6c07453f7a2a559ed58a71>

#7 - 2017-07-13 02:30 PM - Giovanni Manghi

- Status changed from *Feedback* to *Closed*
- Resolution set to *invalid*

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#8 - 2017-10-24 09:15 PM - Jürgen Fischer

- Description updated