

QGIS Application - Bug report #13650

DBManager BaseError should test for already unicode error messages

2015-10-22 01:42 AM - Médéric RIBREUX

Status:	Closed	
Priority:	Normal	
Assignee:	Giuseppe Sucameli	
Category:	DB Manager	
Affected QGIS version:	master	Regression?: No
Operating System:	all	Easy fix?: No
Pull Request or Patch applied:	Yes	Resolution: fixed/implemented
Crashes QGIS or corrupts data:	No	Copied to github as #: 21685

Description

Hello,

since commit:401f43c, there is the following error in the Oracle plugin of DBManager:

Traceback (most recent call last):

```
File "C:/OSGEO4~1/apps/qgis-dev/.python/plugins\db_manager\db_model.py", line 422, in rowCount
    self._refreshIndex(parent, True)
File "C:/OSGEO4~1/apps/qgis-dev/.python/plugins\db_manager\db_model.py", line 473, in _refreshIndex
    if item.populate():
File "C:/OSGEO4~1/apps/qgis-dev/.python/plugins\db_manager\db_model.py", line 211, in populate
    for t in self.getItemData().tables():
File "C:/OSGEO4~1/apps/qgis-dev/.python/plugins\db_manager\db_plugins\plugin.py", line 563, in tables
    return self.database().tables(self)
File "C:/OSGEO4~1/apps/qgis-dev/.python/plugins\db_manager\db_plugins\plugin.py", line 501, in tables
    tables = self.connector.getTables(schema.name if schema else None, sys_tables)
File "C:/OSGEO4~1/apps/qgis-dev/.python/plugins\db_manager\db_plugins\oracle\connector.py", line 332, in
getTables
    vectors = self.getVectorTables(schema)
File "C:/OSGEO4~1/apps/qgis-dev/.python/plugins\db_manager\db_plugins\oracle\connector.py", line 631, in
getVectorTables
    table_name, geocol)
File "C:/OSGEO4~1/apps/qgis-dev/.python/plugins\db_manager\db_plugins\oracle\connector.py", line 772, in
getTableGeomTypes
    c = self._execute(None, query)
File "C:/OSGEO4~1/apps/qgis-dev/.python/plugins\db_manager\db_plugins\connector.py", line 83, in _execute
    raise DbError(e, sql)
File "C:/OSGEO4~1/apps/qgis-dev/.python/plugins\db_manager\db_plugins\plugin.py", line 63, in __init__
    BaseError.__init__(self, e)
File "C:/OSGEO4~1/apps/qgis-dev/.python/plugins\db_manager\db_plugins\plugin.py", line 40, in __init__
    msg = unicode(msg, 'utf-8', 'replace') # convert from utf8 and replace errors (if any)
TypeError: decoding Unicode is not supported
```

and the plugin is broken on the first database error encountered (because Oracle db_plugin use unicode for error messages).

To fix this, we just need to add a test for unicode (isinstance) in db_plugins/plugin.py:

```
class BaseError(Exception):
```

```
"""Base class for exceptions in the plugin."""
```

```
def __init__(self, e):  
    if isinstance(e, Exception):  
        msg = e.args[0] if len(e.args) > 0 else "  
    else:  
        msg = e  
  
    if not isinstance(msg, unicode):  
        msg = unicode(msg, 'utf-8', 'replace') # convert from utf8 and replace errors (if any)
```

As the release date is tomorrow, I think we should really add this fix before...

Associated revisions

Revision 87657f8a - 2015-10-22 07:27 PM - Giuseppe Sucameli

DBManager: fix #13650

Revision 339fd756 - 2015-10-22 09:28 PM - Giuseppe Sucameli

DBManager: merge PR2342 by medspix (fix #13650)

History

#1 - 2015-10-22 07:38 AM - Médéric RIBREUX

I've made a [PR](#) ...

#2 - 2015-10-22 10:31 AM - Giuseppe Sucameli

- *Status changed from Open to Closed*

Fixed in changeset commit:"87657f8ab4121abb93436fcca387354d4dcde51d".

#3 - 2015-10-23 12:45 AM - Giuseppe Sucameli

- *Resolution set to fixed/implemented*

Unfortunately my first commit commit:87657f8 was ugly as I didn't save my changes before commit...

So when I saw your PR, I've merged it (see commit:339fd75655e). Thanks a lot.