

## QGIS Application - Bug report #13650

### DBManager BaseError should test for already unicode error messages

2015-10-22 01:42 AM - Médéric RIBREUX

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

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## 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)

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## 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.