

## eole-db - Scénario #29564

### Faire fonctionner EoleDB sur EOLE 2.8.0 et le passer en python3

02/05/2020 09:23 AM - Joël Cuissinat

<b>Status:</b>	Terminé (Sprint)	<b>Start date:</b>	02/10/2020
<b>Priority:</b>	Normal	<b>Due date:</b>	03/20/2020
<b>Assigned To:</b>	Matthieu Lamalle	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Prestation Cadoles MEN 10-12	<b>Spent time:</b>	0.00 hour
<b>Description</b>			
<pre>run-parts: executing /usr/share/eole/posttemplate/01-eoledb instance Start Systemd service mysql [ OK ] /usr/bin/eole_db_gen:152: YAMLLoadWarning: calling yaml.load() without Loader=... is deprecated, as the default Loader is unsafe. Please read https://msg.pyyaml.org/load for full details. conf = yaml.load(yml_conf) 'EoleDbConnector' object has no attribute 'dbtype' 'EoleDbConnector' object has no attribute 'dbtype' Stop Systemd service mysql [ OK ]</pre>			
<b>Solutions à mettre en œuvre</b>			
<ul style="list-style-type: none"><li>• Adapter les instructions Mysql à la nouvelle version (cf. <a href="#">#29485</a> et <a href="https://stackoverflow.com/questions/50691977/how-to-reset-the-root-password-in-mysql-8-0-11#51186648">https://stackoverflow.com/questions/50691977/how-to-reset-the-root-password-in-mysql-8-0-11#51186648</a>)</li><li>• En profiter pour passer le code en python3</li></ul>			
<b>Critères d'acceptation</b>			
<ul style="list-style-type: none"><li>• Plus d'erreur lors de l'exécution de /usr/share/eole/posttemplate/01-eoledb instance dans <a href="https://dev-eole.ac-dijon.fr/jenkins/job/2.8.0/job/test-instance-acascribe-2.8.0-amd64/">https://dev-eole.ac-dijon.fr/jenkins/job/2.8.0/job/test-instance-acascribe-2.8.0-amd64/</a> (NB : si la génération du conteneur addc est toujours bloquante on pourra faire les tests et la démo sur Eolebase + eole-mysql)</li><li>• Les bases sympa et rouncube sont présentes après l'instance</li></ul>			
<b>Subtasks:</b>			
Tâche # 29693: Passer le code en Python3			Fermé
Tâche # 29694: Mettre à jour les requêtes SQL			Fermé
<b>Related issues:</b>			
Related to Distribution EOLE - Tâche #29713: Validation du scénario : Faire f...		Fermé	03/05/2020

#### Associated revisions

##### Revision 22c004a6 - 02/05/2020 11:08 AM - Joël Cuissinat

eole\_db\_gen : fix YAMLLoadWarning on EOLE 2.8.0

Ref: #29564

##### Revision 18c40f1b - 02/05/2020 04:42 PM - Joël Cuissinat

EoleDB : update imports for EOLE 2.8.0

Ref: #29564

#### History

## #1 - 02/05/2020 03:46 PM - Joël Cuissinat

Visiblement pylint signale le soucis dès la 2.6.2 :

```
root@scribe:~# pylint /usr/lib/python2.7/dist-packages/eoledb/eoledbconnector.py
No config file found, using default configuration
***** Module eoledb.eoledbconnector
W: 16, 0: Relative import 'eoledberrors', should be 'eoledb.eoledberrors' (relative-import)
W: 21, 4: Relative import 'eoledbsqlite', should be 'eoledb.eoledbsqlite' (relative-import)
W: 27, 4: Relative import 'eoledbpg', should be 'eoledb.eoledbpg' (relative-import)
W: 33, 4: Relative import 'eoledbmysql', should be 'eoledb.eoledbmysql' (relative-import)
C: 39, 0: Missing class docstring (missing-docstring)
E: 57,66: Instance of 'EoleDbConnector' has no 'dbtype' member (no-member)
R: 39, 0: Too few public methods (0/2) (too-few-public-methods)
W: 15, 0: Unused import yaml (unused-import)

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Your code has been rated at 6.84/10
```

## #2 - 02/05/2020 04:33 PM - Joël Cuissinat

Sur Scribe 2.8.0, on voit le problème car le backend MySQL n'arrive à se charger :

```
root@scribe:~# python /usr/lib/python2.7/dist-packages/eoledb/eoledbmysql.py
Traceback (most recent call last):
  File "/usr/lib/python2.7/dist-packages/eoledb/eoledbmysql.py", line 14, in <module>
    from _mysql_exceptions import OperationalError
ImportError: No module named _mysql_exceptions
```

Il faut remplacer cet import par :

```
from MySQLdb._exceptions import OperationalError
```

### #3 - 02/05/2020 04:49 PM - Joël Cuissinat

- Status changed from *Nouveau* to *Résolu*
- Assigned To set to *Joël Cuissinat*
- % Done changed from 0 to 100

### #4 - 02/05/2020 05:22 PM - Joël Cuissinat

- Status changed from *Résolu* to *En cours*

### #5 - 02/05/2020 05:28 PM - Joël Cuissinat

C'est mieux mais pas suffisant car EoleDB est également sensé effectuer des "GRANT" sur les bases de données mais il utilise toujours les anciennes syntaxes !

```
--
eoledb/eoledbmysql.py-         if self.__userExists__(self.dbuser, self.dbhost) is False:
eoledb/eoledbmysql.py-             req = "grant all privileges on {0}.*".format(self.dbname)
eoledb/eoledbmysql.py-             req += " to '{0}'@'{1}'".format(self.dbuser, self.dbhost)
eoledb/eoledbmysql.py:            req += " identified by '{0}'".format(self.dbpass)
--
eoledb/eoledbmysql.py-         if self.__userExists__(self.dbuser, host) is False:
eoledb/eoledbmysql.py-             req = "grant all privileges on {0}.*".format(self.dbname)
eoledb/eoledbmysql.py-             req += " to '{0}'@'{1}'".format(self.dbuser, host)
eoledb/eoledbmysql.py:            req += " identified by '{0}';".format(self.dbpass)
```

Pour l'instant sur un Scribe 2.8.0, les utilisateurs **sympa** et **roundcube** ne sont tout simplement pas créés.

### #6 - 02/06/2020 04:45 PM - Joël Cuissinat

- Assigned To deleted (*Joël Cuissinat*)
- Parent task deleted (#29463)

### #7 - 02/06/2020 04:45 PM - Joël Cuissinat

- Tracker changed from *Tâche* to *Scénario*
- Due date set to *02/28/2020*
- Status changed from *En cours* to *Nouveau*
- Target version changed from *sprint 2020 04-06 Equipe MENSUR* to *sprint 2020 07-09 Equipe MENSUR*
- Start date changed from *02/05/2020* to *02/10/2020*
- % Done changed from 100 to 0
- Release set to *EOLE 2.8.0*
- Story points set to 4.0

**#8 - 02/06/2020 04:46 PM - Joël Cuissinat**

- Target version changed from sprint 2020 07-09 Equipe MENSUR to Prestation Cadoles MEN 10-12

**#9 - 02/22/2020 03:44 PM - Joël Cuissinat**

- Subject changed from Faire fonctionner EoleDB sur EOLE 2.8.0 to Faire fonctionner EoleDB sur EOLE 2.8.0 et le passer en python3  
- Description updated

**#10 - 02/22/2020 03:45 PM - Joël Cuissinat**

- Project changed from Distribution EOLE to eole-db

**#11 - 03/05/2020 04:32 PM - Joël Cuissinat**

- Related to Tâche #29713: Validation du scénario : Faire fonctionner EoleDB sur EOLE 2.8.0 et le passer en python3 added

**#12 - 03/05/2020 05:29 PM - Joël Cuissinat**

- Assigned To set to Matthieu Lamalle

**#13 - 03/23/2020 10:30 AM - Joël Cuissinat**

Plus d'erreur dans <https://dev-eole.ac-dijon.fr/jenkins/job/2.8.0/job/test-instance-acascribe-2.8.0-amd64/> (job n°30) :

```
10:47:40      run-parts: executing /usr/share/eole/posttemplate/01-eoledb instance
10:47:46      Start Systemd service mysql [ OK ]
10:47:52      ROUND_CUBE :
10:47:52          >>> Passwords [OK]
10:47:52          >>> Create [OK]
10:48:04          >>> Update [OK]
10:48:04      SYMPA :
10:48:04          >>> Passwords [OK]
10:48:04          >>> Create [OK]
10:48:04          >>> Update [OK]
10:48:10      Stop Systemd service mysql [ OK ]
```

Les bases sympa et roundcube sont présentes :

```
root@scribe:~# echo "show databases" | mysql --defaults-file=/etc/mysql/debian.cnf
Database
bareos
controlevnc
information_schema
mysql
performance_schema
roundcube
sympa
sys
```

#14 - 03/23/2020 10:41 AM - Joël Cuissinat

- Status changed from Nouveau to Terminé (Sprint)