

eole-common - Evolution #6256

grep fait planter manage_schedule

10/04/2013 10:41 AM - Joël Cuissinat

Status:	Fermé	Start date:	11/04/2013
Priority:	Normal	Due date:	11/08/2013
Assigned To:	Gwenael Remond	% Done:	100%
Category:		Estimated time:	1.00 hour
Target version:	Eole 2.4-beta2	Spent time:	0.17 hour
Distribution:	EOLE 2.4		

Description

Et ce n'est sûrement pas le seul script qui pose problème :o

```
root@sphynx:~# /usr/share/eole/sbin/manage_schedule -l
```

Tâches planifiées EOLE :

```
* les tâches hebdomadaires se feront le vendredi à 05:33 (hors sauvegarde)
- avant sauvegarde
+ Mise à jour du serveur (majauto)
```

```
root@sphynx:~# /usr/share/eole/sbin/manage_schedule -l | grep maj
```

Traceback (most recent call last):

```
File "/usr/share/eole/sbin/manage_schedule", line 81, in <module>
    main()
File "/usr/share/eole/sbin/manage_schedule", line 59, in main
    display_schedules()
File "/usr/lib/python2.7/dist-packages/pyeole/schedule.py", line 112, in display_schedules
    print "  +", schedules['{0}.description'.format(sched)], \
UnicodeEncodeError: 'ascii' codec can't encode character u'\xe0' in position 5: ordinal not in range(128)
```

Associated revisions

Revision 737ea1d7 - 11/06/2013 09:08 AM - Gwenael Remond

encoding utf-8 obligatoire pour tous les programmes python, fixes #6256

History

#1 - 10/10/2013 01:38 PM - Daniel Dehennin

Le problème vient du pipe qui fait que la sortie standard du script python n'est plus un **tty**.

Python ne peut donc pas découvrir que la sortie est en **UTF-8**.

Il faut remplacer les **print** par des **log**..

Les bibliothèques doivent utiliser le code suivant :

```
from logging import getLogger
log = getLogger(__name__)

log.critical(u"This is a "critical" message.")
log.error(u"This is an "error" message.")
log.warn(u"This is a "warning" message.")
log.info(u"This is an "informational" message.")
log.debug(u"This is a "debugging" message.")
```

Les programmes devant gérer la sortie vers les utilisateurs doivent utiliser le code suivant :

```

from pyeole.log import init_logging, set_formatter

# Logger for the application, use level=u'info' to display normal informational message
log = init_logging(name=u'myapp', level='uinfo')

# Do not prefix warning, error and critical log of the current program with "myapp - "
set_formatter(log, u'stderr', u'brief')

# Logger for a sub-library, we only want warnings
# This logger is never used by ourself.
sublib = init_logging(name=u'pyeole.sublib', level=u'warning')

# Root logger for any other logger, display only errors
# This logger must be defined last since non-root logger reset the root logger
# This logger is never used by ourself.
root_log = init_logging(name=u'root', level=u'error')

### Main code of the application

log.critical(u"This is a "critical" message.")
log.error(u"This is an "error" message.")
log.warn(u"This is a "warning" message.")
log.info(u"This is an "informational" message.")
log.debug(u"This is a "debuging" message.")

```

#2 - 10/10/2013 02:30 PM - Gwenael Remond

il faudrait que globalement l'ioencoding PYTHONIOENCODING soit préréglé.

```

root@eolebase:~# /usr/share/eole/sbin/manage_schedule -l|grep pouet
Traceback (most recent call last):
  File "/usr/share/eole/sbin/manage_schedule", line 81, in <module>
    main()
  File "/usr/share/eole/sbin/manage_schedule", line 59, in main
    display_schedules()
  File "/usr/lib/python2.7/dist-packages/pyeole/schedule.py", line 112, in display_schedules
    print "  +", schedules['{0}'.description'.format(sched)], \
UnicodeEncodeError: 'ascii' codec can't encode character u'\xe9' in position 29: ordinal not in range(128)
root@eolebase:~# export PYTHONIOENCODING='UTF8'
root@eolebase:~# /usr/share/eole/sbin/manage_schedule -l|grep pouet
root@eolebase:~#

```

#3 - 10/11/2013 10:34 AM - Joël Cuissinat

commençons par ajouter la variable d'environnement ...

#4 - 10/30/2013 10:44 AM - Daniel Dehennin

- Target version changed from Eole 2.4-beta1 to Eole 2.4-beta2

#5 - 11/06/2013 09:09 AM - Gwenael Remond

- Status changed from Nouveau to Résolu

- % Done changed from 0 to 100

Appliqué par commit [737ea1d711ad9b9f83ebc4a68fb2986ccf5264cd](#).

#6 - 11/06/2013 09:09 AM - Gwenael Remond

- Status changed from Résolu to En attente d'informations

- Assigned To set to Gwenael Remond

- % Done changed from 100 to 0

#7 - 11/06/2013 09:10 AM - Gwenael Remond

- Status changed from En attente d'informations to Résolu

#8 - 11/06/2013 09:10 AM - Gwenael Remond

- % Done changed from 0 to 100

#9 - 11/26/2013 10:50 AM - Joël Cuissinat

- Due date set to 11/08/2013

- Status changed from Résolu to Fermé

- Start date set to 11/04/2013

```
root@amon:~# /usr/share/eole/sbin/manage_schedule -l | grep maj
+ Mise à jour blacklist du serveur (majblacklist)
+ Mise à jour du serveur (majauto)
```