

Synnefo - Bug # 1960

Status:	Closed	Priority:	Medium
Author:	Vangelis Koukis	Category:	Pithos
Created:	01/30/2012	Assignee:	Antony Chazapis
Updated:	02/08/2013	Due date:	
Subject:	500 Internal server error		
Description			
<p>Trying to list objects on pithos:</p> <p>It's probably a misconfiguration somewhere, but the server shouldn't HTTP 500.</p> <pre>\$ pithos-sh list -v --host 62.217.120.67:8100 --user vkoukis@grnet.gr --token 0100</pre> <p>500 INTERNAL SERVER ERROR Content-length: 2077 Content-language: en-us Vary: Accept-Language, Cookie Server: WSGIServer/0.1 Python/2.6.6 Date: Mon, 30 Jan 2012 14:26:12 GMT Content-type: text/html; charset=utf-8</p> <p>500 Unexpected error</p> <p>Traceback (most recent call last): File "/home/vkoukis/git/pithos/snf-pithos-app/pithos/api/util.py", line 884, in wrapper response = func(request, *args, **kwargs) File "/home/vkoukis/git/pithos/snf-pithos-app/pithos/api/functions.py", line 266, in container_list marker, limit, shared, until) File "/home/vkoukis/git/pithos/snf-pithos-backend/pithos/backends/modular.py", line 72, in fn ret = func(self, *args, **kw) File "/home/vkoukis/git/pithos/snf-pithos-backend/pithos/backends/modular.py", line 273, in list_containers return [x[0] for x in self._list_objects(node, account, '/', marker, limit, False, None, [], until)] File "/home/vkoukis/git/pithos/snf-pithos-backend/pithos/backends/modular.py", line 839, in _list_objects objects, prefixes = self.node.latest_version_list(parent, prefix, delimiter, start, limit, before, CLUSTER_DELETED, allowed, domain, filterq, sizeq) File "/home/vkoukis/git/pithos/snf-pithos-backend/pithos/backends/lib/sqlalchemy/node.py", line 880, in latest_version_list rp = self.conn.execute(s, start=start) File "/home/vkoukis/venv/lib/python2.6/site-packages/SQLAlchemy-0.7.5-py2.6-linux-x86_64.egg/sqlalchemy/engine/base.py", line 1405, in execute params) File "/home/vkoukis/venv/lib/python2.6/site-packages/SQLAlchemy-0.7.5-py2.6-linux-x86_64.egg/sqlalchemy/engine/base.py", line 1538, in _execute_clauseelement compiled_sql, distilled_params File "/home/vkoukis/venv/lib/python2.6/site-packages/SQLAlchemy-0.7.5-py2.6-linux-x86_64.egg/sqlalchemy/engine/base.py", line 1639, in _execute_context context) File "/home/vkoukis/venv/lib/python2.6/site-packages/SQLAlchemy-0.7.5-py2.6-linux-x86_64.egg/sqlalchemy/engine/default.py", line 330, in do_execute</p>			

```
cursor.execute(statement, parameters)
File "/home/vkoukis/venv/lib/python2.6/encodings/iso8859_7.py", line 12, in encode
return codecs.charmap_encode(input,errors,encoding_table)
UnicodeEncodeError: 'charmap' codec can't encode character u'\uffff' in position 17: character maps to <undefined>
```

History

#1 - 01/30/2012 04:29 pm - Vangelis Koukis

Relevant configuration items:

```
BACKEND_DB_MODULE = 'pithos.backends.lib.sqlalchemy'
BACKEND_DB_CONNECTION = 'postgresql://synnefo:password@host:5400/pithosbackend'
BACKEND_BLOCK_MODULE = 'pithos.backends.lib.hashfiler'
BACKEND_BLOCK_PATH = '/srv/oceanos/pithos/data'
```

```
# Pithos authentication
```

```
<valid AUTHENTICATION_USERS here>
```

#2 - 01/30/2012 05:07 pm - Vangelis Koukis

Also tried with SQLAlchemy==0.6.3.

Could it be an issue with the way the DB was created in PostgreSQL?

#3 - 01/30/2012 05:24 pm - Vangelis Koukis

- Status changed from Assigned to Closed

Vangelis Koukis wrote:

```
| Could it be an issue with the way the DB was created in PostgreSQL?
```

I hadn't included the UTF8-specific options when creating the DB,

I should have used the charset-specific options:

```
CREATE DATABASE pithosbackend WITH ENCODING 'UTF8' LC_COLLATE='C' LC_CTYPE='C' TEMPLATE=template0;
```

per the installation guide.

#4 - 02/08/2013 06:59 pm - Vangelis Koukis

- Project changed from Pithos to Synnefo

#5 - 02/08/2013 07:01 pm - Vangelis Koukis

- Category set to Pithos