Built ceph, master branch with python 3 enabled,

```bash
./do_cmake.sh -DBOOST_J=8 -DWITH_PYTHON3=ON -DWITH_MGR_DASHBOARD_FRONTEND=OFF -DWITH_RDMA=OFF -DWI
TH_RDMACM=OFF -DWITH_SPDK=OFF -DWITH_GSSAPI=OFF
```

After setting up vstart cluster,

```bash
build]# ./bin/ceph fs volume ls
2019-05-14 20:56:49.374 7fa2aa35e700 -1 WARNING: all dangerous and experimental features are enabled.
2019-05-14 20:56:49.433 7fa2aa35e700 -1 WARNING: all dangerous and experimental features are enabled.

[ 
  { 
    "name": "a"
  }
]
```

Subvolume creation fails,

```bash
$ ./bin/ceph fs subvolume create a subvol1
2019-05-14 20:56:59.411 7f4d3645e700 -1 WARNING: all dangerous and experimental features are enabled. 2019-05-14 20:56:59.473 7f4d3645e700 -1 WARNING: all dangerous and experimental features are enabled. Error EINVAL: TypeError: expected bytes, str found
```

Related issues:
Copied to CephFS - Backport #40157: nautilus: mgr/volumes: cannot create subv... Resolved

History
#1 - 05/14/2019 06:30 PM - Patrick Donnelly
- Project changed from mgr to CephFS
- Subject changed from mgr/volumes: cannot create subvolumes with py3 libraries to mgr/volume: cannot create subvolumes with py3 libraries
- Category deleted (ceph-mgr)
I can't reproduce the issue. I get the following warning when I run the do_cmake.sh as shown in the report:

CMake Warning:
Manually-specified variables were not used by the project:

WITH_RDMACM

-- Build files have been written to: /home/rishabh/repos/ceph/tracker-39750/build
+ cat
done.
+ cat

To successfully reproduce, -DWITH_PYTHON2=OFF may also be needed (in addition to the options shown in the bug description) and, just to be sure, run the build in an environment that does not have Python 2 installed at all.

Thanks, Nathan! I could reproduce this issue just with -DWITH_PYTHON3=ON.
#9 - 06/04/2019 10:26 PM - Nathan Cutler
- Copied to Backport #40157: nautilus: mgr/volumes: cannot create subvolumes with py3 libraries added

#10 - 06/17/2019 12:51 PM - Nathan Cutler
- Status changed from Pending Backport to Resolved