CephFS - Bug #40371

cephfs-shell: du must ignore non-directory files

06/14/2019 05:38 PM - Rishabh Dave

Status: Resolved
Priority: Normal
Assignee: Rishabh Dave
Category: 
Target version: v15.0.0
Source: Development
tags:
Backport: nautilus
Regression: No
Severity: 3 - minor
Reviewed: 

Affected Versions:

Description

cephfs-shell's du command crashes if it comes across because files that are not directories since it tries to get 'ceph.dir.rbytes' for non-directory files too. I suppose it should ignore all files except for directories, the way GNU du does.

Copying from src/tools/cephfs/cephfs-shell

```
for i in reversed(sorted(set(dirwalk(dir_))):
    i = os.path.normpath(i)
    try:
        xattr = cephfs.getxattr(to_bytes(i), 'ceph.dir.rbytes')
        self.poutput('{:10s} {}'.format(humansize(int(xattr.decode('utf-8'))), '.' + i))
    except libcephfs.Error:
        continue
```

Related issues:

Copied to CephFS - Backport #41861: nautilus: cephfs-shell: du must ignore no... Rejected

History

#1 - 06/14/2019 05:56 PM - Rishabh Dave
- Status changed from New to Fix Under Review
- Pull request ID set to 40371
- Component(FS) cephfs-shell added

#2 - 06/14/2019 05:56 PM - Rishabh Dave
- Pull request ID changed from 40371 to 28560

#3 - 06/14/2019 06:05 PM - Patrick Donnelly
- Target version set to v15.0.0
- Start date deleted (06/14/2019)
- Source set to Development
- Backport set to nautilus

#4 - 09/13/2019 07:40 PM - Patrick Donnelly
- Status changed from Fix Under Review to Pending Backport

#5 - 09/16/2019 07:18 AM - Nathan Cutler
- Copied to Backport #41861: nautilus: cephfs-shell: du must ignore non-directory files added

#6 - 10/25/2019 06:22 AM - Nathan Cutler
- Status changed from Pending Backport to Resolved