**CephFS - Bug #40476**

**cephfs-shell: cd with no args has no effect**

06/21/2019 08:54 AM - Rishabh Dave

<table>
<thead>
<tr>
<th>Status:</th>
<th>Resolved</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
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</tr>
<tr>
<td>Assignee:</td>
<td>Rishabh Dave</td>
</tr>
<tr>
<td>Category:</td>
<td></td>
</tr>
<tr>
<td>Target version:</td>
<td>v15.0.0</td>
</tr>
<tr>
<td>Source:</td>
<td>Development</td>
</tr>
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<td>Tags:</td>
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<td>Backport:</td>
<td>nautilus</td>
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<tr>
<td>Regression:</td>
<td>No</td>
</tr>
<tr>
<td>Severity:</td>
<td>3 - minor</td>
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<td>Affected Versions:</td>
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**Description**

Issuing `cd` command with no args implies "cd $HOME" in bash but on CephFS shell it has no effect it leads to an error -

```
CephFS:~/dir1/dir1/dir2>> cd
usage: cd [-h] path
cd: error: the following arguments are required: path
```

I am not sure if that's what we want on CephFS shell too.

**Related issues:**

Copied to CephFS - Backport #41112: nautilus: cephfs-shell: cd with no args has no effect

Rejected

**History**

**#1 - 06/22/2019 03:00 AM - Patrick Donnelly**

- Status changed from New to Need More Info
- Start date deleted (06/21/2019)
- Source set to Development

What commit/branch are you testing? I thought I just changed this to `cd` into the root directory (of CephFS).

**#2 - 06/24/2019 01:13 PM - Jeff Layton**

I'd consider this to be NOTABUG. We don't really have the concept of a home directory in cephfs shell, so why should this do anything? If we did want it to do something though then changing to the root probably makes as much sense as anything.

**#3 - 06/25/2019 08:20 AM - Rishabh Dave**

Patrick Donnelly said:

> What commit/branch are you testing? I thought I just changed this to `cd` into the root directory (of CephFS).

master branch. Are you talking about PR #28663? While testing #28663 too I did come across this issue but judging from the commit message I did not feel that these commits there were trying to fix it.
I tried it today again and I can still reproduce this issue. Latest commit at the tip of my master is 9d1548bec41dd62793b452a1848dc67d29bb1797.

#4 - 06/26/2019 05:10 AM - Patrick Donnelly
Rishabh Dave wrote:

Patrick Donnelly said:

What commit/branch are you testing? I thought I just changed this to cd into the root directory (of CephFS).

master branch. Are you talking about PR #28663? While testing #28663 too I did come across this issue but judging from the commit message I did not feel that the commits there were trying to fix it.

I tried it today again and I can still reproduce this issue. Latest commit at the tip of my master is 9d1548bec41dd62793b452a1848dc67d29bb1797.

It may indeed be broken. It should by default use "/" but maybe the code doesn't work yet. Please make a test case in test_cephfs_shell.py along with a fix. The expected behavior of "cd" should be to chdir to "/".

#5 - 07/15/2019 01:45 PM - Rishabh Dave
Pull request ID set to 28793

#6 - 07/15/2019 01:46 PM - Rishabh Dave
Status changed from Need More Info to Fix Under Review

#7 - 07/15/2019 03:02 PM - Patrick Donnelly
Assignee set to Rishabh Dave
Target version set to v15.0.0
Backport set to nautilus

#8 - 07/26/2019 10:16 PM - Patrick Donnelly
Status changed from Fix Under Review to Pending Backport

#9 - 08/05/2019 11:07 PM - Patrick Donnelly
Copied to Backport #41112: nautilus: cephfs-shell: cd with no args has no effect added

#10 - 12/06/2019 10:10 AM - Nathan Cutler
While running with --resolve-parent, the script "backport-create-issue" noticed that all backports of this issue are in status "Resolved" or "Rejected".