Arvados - Bug #16039

FUSE respects ForwardSlashNameSubstitution

01/16/2020 04:01 PM - Peter Amstutz

<table>
<thead>
<tr>
<th>Status:</th>
<th>Resolved</th>
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</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assigned To:</td>
<td>Tom Clegg</td>
</tr>
<tr>
<td>Category:</td>
<td></td>
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<tr>
<td>Target version:</td>
<td>2020-02-26 Sprint</td>
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</tbody>
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Start date: 02/11/2020
Due date: |
% Done: 100%
Estimated time: 0.00 hour

Description

Subtasks:
- Task # 16095: Review 16039-fuse-forward-slash-sub

Resolved

Associated revisions

Revision 48c38895 - 02/14/2020 08:12 PM - Tom Clegg

Merge branch '16039-fuse-forward-slash-sub'

fixes #16039

Arvados-DCO-1.1-Signed-off-by: Tom Clegg <tom@tomclegg.ca>

History

#1 - 01/29/2020 05:05 PM - Peter Amstutz
- Assigned To set to Tom Clegg

#2 - 02/07/2020 09:30 PM - Tom Clegg
- Status changed from New to In Progress

#3 - 02/11/2020 04:00 PM - Tom Clegg

16039-fuse-forward-slash-sub @ 487e8f756d63c6e68eb300a559eccb504f78c40b --

#4 - 02/11/2020 07:40 PM - Peter Amstutz

Tom Clegg wrote:

16039-fuse-forward-slash-sub @ 487e8f756d63c6e68eb300a559eccb504f78c40b --

If you run this against a pre-2.0 server it runs into trouble because there's no public config endpoint in 1.4.

It doesn't crash on mount, but when you do ask for a directory listing where a name has a slash, you get an I/O error, because fetching from the config endpoint is deferred until first use.

Arv-mount should either fail gracefully (don't support older versions) or (preferably) have a fallback behavior (substitute '_' like it did before).

#5 - 02/11/2020 08:21 PM - Peter Amstutz

2nd comment, it looks like SlashSubstitutionTest checks that writing to path that's been rewritten for ForwardSlashNameSubstitution doesn't fail, but it doesn't verify that it actually wrote to the correct collection. It should check that self.testcoll actually has a 'waz' file. Also 'foo-bar/baz' and 'foo/bar/baz' should have different file contents (to check that they aren't being confused for one another).

#6 - 02/12/2020 03:53 PM - Tom Clegg

16039-fuse-forward-slash-sub @ c7cd69df4727d7e3aa6469c94a905465a2dcd447 --

- adds test for name conflict case (which was broken... and is fixed)
- falls back to old behavior (replace with '_' if apiServer has no config endpoint, or FSNS entry is missing
#7 - 02/12/2020 04:23 PM - Tom Clegg
- Target version changed from 2020-02-12 Sprint to 2020-02-26 Sprint

#8 - 02/13/2020 02:52 PM - Tom Clegg
16039-fuse-forward-slash-sub @ a4f57793d8757c451330a6d861eb3c5af2bfb3b8 --
  - Touches various setup.py to work around dependency bug #16151

#9 - 02/14/2020 08:10 PM - Peter Amstutz
Tom Clegg wrote:
  16039-fuse-forward-slash-sub @ a4f57793d8757c451330a6d861eb3c5af2bfb3b8 --
  - Touches various setup.py to work around dependency bug #16151

LGTM.

#10 - 02/14/2020 08:22 PM - Anonymous
- % Done changed from 0 to 100
- Status changed from In Progress to Resolved

Applied in changeset arvados|48c38895200cdafa0a37299bf8352878389a77.

#11 - 02/26/2020 07:00 PM - Peter Amstutz
- Release set to 29