

Arvados - Bug #14383

[API] Java SDK double slash bug with arvados-controller

10/19/2018 01:46 PM - Peter Amstutz

Status:	Resolved	Start date:	02/13/2019
Priority:	Normal	Due date:	
Assigned To:	Tom Morris	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	2019-02-27 Sprint		
Description			
<p>We found the origin of the problem with the java SDK, the bug is in the new API server or the SDK, you decide. The SDK will query URLs with a double forward slash: https://\$ARVADOS_API_HOST//arvados/v1/collections. The old Arvados would perform these queries, but the new one issue a redirect (301). We fixed it by removing this line: https://github.com/curoverse/arvados/blob/master/sdk/java/src/main/java/org/arvados/sdk/Arvados.java#L94</p> <p>That's the new arvados-controller component being more strict.</p> <p>We should remove this line and publish a new package.</p>			
Subtasks:			
Task # 14608: Review 14383-java-sdk-double-slash			Resolved
Related issues:			
Related to Arvados - Story #13497: [API] Initial "arvados-controller" server ...			Resolved 06/15/2018

Associated revisions

Revision 08123387 - 02/27/2019 03:58 PM - Tom Morris

Merge branch '14383-java-sdk-double-slash'. Fixes #14383.

Arvados-DCO-1.1-Signed-off-by: Tom Morris <tfmorris@veritasgenetics.com>

History

#1 - 10/19/2018 01:46 PM - Peter Amstutz

- Status changed from New to In Progress

#2 - 10/19/2018 01:49 PM - Peter Amstutz

- Subject changed from Java SDK double slash to Java SDK double slash bug with arvados-controller

- Description updated

- Status changed from In Progress to New

#3 - 10/19/2018 03:24 PM - Tom Morris

- Subject changed from Java SDK double slash bug with arvados-controller to [API] Java SDK double slash bug with arvados-controller

Actually, the correct fix is to fix the server so that it isn't breaking existing clients.

#4 - 10/19/2018 03:32 PM - Tom Morris

- Target version set to 2018-11-14 Sprint

#5 - 10/31/2018 03:49 PM - Tom Clegg

I wonder why [f0d62ea064d32b980f723e37972788cbd693c2ff](https://github.com/curoverse/arvados/commit/f0d62ea064d32b980f723e37972788cbd693c2ff) didn't fix this. Merged Fri Jul 13 2018.

#6 - 10/31/2018 03:52 PM - Tom Clegg

- Related to Story #13497: [API] Initial "arvados-controller" server that proxies API endpoints to Rails server added

#7 - 10/31/2018 03:52 PM - Tom Morris

- Assigned To set to Tom Morris

#8 - 11/14/2018 04:23 PM - Tom Morris

- Target version changed from 2018-11-14 Sprint to 2018-11-28 Sprint

#9 - 11/14/2018 09:04 PM - Tom Clegg

Tom Morris wrote:

Actually, the correct fix is to fix the server so that it isn't breaking existing clients.

Continuing to tolerate client bugs that were tolerated before should be easy enough here. But the buggy client should still be fixed. API endpoints are `"/arvados/..."`, not `"//arvados/..."`.

#10 - 12/03/2018 10:45 PM - Tom Morris

- Release set to 14

#11 - 12/03/2018 10:46 PM - Tom Morris

- Target version changed from 2018-11-28 Sprint to 2018-12-12 Sprint

- Release deleted (14)

#12 - 12/12/2018 04:34 PM - Tom Morris

- Target version changed from 2018-12-12 Sprint to 2018-12-21 Sprint

#13 - 12/12/2018 05:15 PM - Tom Clegg

Tom Clegg wrote:

I wonder why [f0d62ea064d32b980f723e37972788cbd693c2ff](#) didn't fix this. Merged Fri Jul 13 2018.

That "fix path transparently" bit doesn't apply to GET reqs, because following a 301 redirect doesn't change the request method. If a client simply can't handle redirects, even GET requests fail.

I think it's OK to say clients need to be able to follow 301 redirects -- especially clients that aren't paying attention to the paths specified in the discovery doc.

The best fix would be to make Java SDK follow redirects, *and* fix that broken path to avoid the extra request.

#14 - 01/02/2019 04:13 PM - Tom Morris

- Target version changed from 2018-12-21 Sprint to 2019-01-16 Sprint

#15 - 01/16/2019 04:20 PM - Tom Morris

- Target version changed from 2019-01-16 Sprint to 2019-01-30 Sprint

#16 - 01/30/2019 04:10 PM - Tom Morris

- Status changed from New to In Progress

- Target version changed from 2019-01-30 Sprint to 2019-02-13 Sprint

#17 - 02/13/2019 04:06 PM - Tom Morris

- Target version changed from 2019-02-13 Sprint to 2019-02-27 Sprint

#18 - 02/15/2019 03:01 PM - Peter Amstutz

LGTM

#19 - 02/27/2019 04:07 PM - Tom Morris

- Status changed from In Progress to Resolved

#20 - 03/01/2019 07:33 PM - Tom Morris

- Release set to 15