

Arvados - Feature #15318

[API] Include X-Request-Id value in every RailsAPI error message

06/05/2019 03:09 PM - Ward Vandewege

Status:	Resolved	Start date:	07/10/2019
Priority:	Normal	Due date:	
Assigned To:	Lucas Di Pentima	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	2019-07-17 Sprint		
Description			
Background:			
<ul style="list-style-type: none">• Some SDKs (including Python) send an X-Request-Id value with each API request, but the calling application doesn't necessarily report it to the user.• Controller adds an X-Request-Id value to each request if the caller didn't supply one -- so every RailsAPI request has an X-Request-Id value.• Each RailsAPI error response has an "error token" value generated by RailsAPI, which is meant to help correlate client-reported errors with RailsAPI server logs. However, the calling application doesn't necessarily report this to the user along with the error message.			
Improvement: Every RailsAPI error response should include the current X-Request-Id value <i>in the message text</i> .			
This way, even tools that only display the error message itself without response metadata -- e.g., arvados-cwl-runner -- will convey the request ID to the user, and ops can use that error report to grep RailsAPI, controller, and nginx logs for related entries.			
Subtasks:			
Task # 15388: Review 15318-Reqlds-on-api-errors			Resolved

Associated revisions

Revision b36138dd - 07/11/2019 03:57 PM - Lucas Di Pentima

Merge branch '15318-Reqlds-on-api-errors'
Closes #15318

Arvados-DCO-1.1-Signed-off-by: Lucas Di Pentima <ldipentima@veritasgenetics.com>

History

#1 - 06/12/2019 03:30 PM - Tom Clegg

- Subject changed from [API] expose requestID when Rails throws an error that is reported to a client. This should expose requestID when a-c-r errors out. to [API] Include X-Request-Id value in every RailsAPI error message

- Description updated

#2 - 06/12/2019 05:40 PM - Tom Morris

- Story points set to 1.0

#3 - 06/12/2019 05:40 PM - Tom Morris

- Target version changed from To Be Groomed to Arvados Future Sprints

#4 - 06/19/2019 03:29 PM - Tom Morris

- Target version changed from Arvados Future Sprints to 2019-07-03 Sprint

#5 - 06/19/2019 03:31 PM - Lucas Di Pentima

- Assigned To set to Lucas Di Pentima

#6 - 07/03/2019 02:44 PM - Lucas Di Pentima

- Target version changed from 2019-07-03 Sprint to 2019-07-17 Sprint

#7 - 07/09/2019 05:22 PM - Lucas Di Pentima

- Status changed from New to In Progress

#8 - 07/09/2019 08:51 PM - Lucas Di Pentima

Updates at [ae3c4f3be](#) - branch 15318-ReqIds-on-api-errors

Test run: <https://ci.curoverse.com/job/developer-run-tests/1379/>

- Adds X-Request-Id's value at the end of every error message.
- Tests updated

#9 - 07/09/2019 09:26 PM - Lucas Di Pentima

Updates at [c45edd611](#)

Test run: <https://ci.curoverse.com/job/developer-run-tests/1380/>

WB Integration tests retry: <https://ci.curoverse.com/job/developer-run-tests-apps-workbench-integration/1438/>

Updated some go component tests to match error message with trailing request ids.

#10 - 07/11/2019 03:34 PM - Peter Amstutz

Lucas Di Pentima wrote:

Updates at [c45edd611](#)

Test run: <https://ci.curoverse.com/job/developer-run-tests/1380/>

WB Integration tests retry: <https://ci.curoverse.com/job/developer-run-tests-apps-workbench-integration/1438/>

Updated some go component tests to match error message with trailing request ids.

This LGTM

#11 - 07/11/2019 05:21 PM - Lucas Di Pentima

- Status changed from In Progress to Resolved

Applied in changeset [arvados|b36138dd447b5ff557cfbb0e00c28899a9c3af17](#).

#12 - 01/21/2020 09:22 PM - Peter Amstutz

- Release set to 22