

Arvados Workbench 2 - Bug #15056

Error on requests with large query in URL

04/01/2019 02:46 PM - Peter Amstutz

Status: Resolved	Start date:
Priority: Normal	Due date:
Assigned To:	% Done: 0%
Category:	Estimated time: 0.00 hour
Target version:	

Description

GET requests embed the filters in the "query" portion of the URL. However, when filters get very large (such as requesting a large number of specific uuids, such as when requesting details about child containers) the URL can exceed the server's limit on URL length, causing the request to fail.

To work around this, the API server support queries using POST. The query goes in the body of the request (application/x-www-form-urlencoded), with an added query parameter "_method=GET" so it will be processed as a GET request. This is documented here:

<https://doc.arvados.org/api/requests.html>

In addition, queries on large numbers of uuids can be broken up into batches (this may also provide a better user experience by showing loading progress sooner).

History

#1 - 04/01/2019 02:46 PM - Peter Amstutz

- Status changed from New to In Progress

#2 - 04/01/2019 03:02 PM - Peter Amstutz

- Description updated

- Status changed from In Progress to New

- Subject changed from Error on requests with query portion in URI to Error on requests with large query in URL

#3 - 04/01/2019 03:06 PM - Peter Amstutz

- Description updated

#4 - 04/02/2019 07:37 AM - Chrystian Klingenberg

- Target version set to Backlog Q1, Q2

#5 - 04/02/2019 10:48 AM - Chrystian Klingenberg

- Target version deleted (Backlog Q1, Q2)

- Release set to 20

#6 - 04/02/2019 10:49 AM - Chrystian Klingenberg

- Release deleted (20)

#7 - 04/08/2019 08:09 AM - Chrystian Klingenberg

- Target version set to Backlog Q1, Q2

#8 - 06/10/2019 11:55 AM - Chrystian Klingenberg

- Target version changed from Backlog Q1, Q2 to Workbench2 Q3, Q4

#9 - 06/13/2019 07:16 AM - Chrystian Klingenberg

- Target version deleted (Workbench2 Q3, Q4)

- Release set to 19

#10 - 06/25/2019 02:23 PM - Chrystian Klingenberg

- *Status changed from New to In Progress*

#11 - 12/31/2019 03:19 PM - Peter Amstutz

- *Release changed from 19 to 20*

#12 - 02/12/2020 02:59 PM - Peter Amstutz

- *Status changed from In Progress to Resolved*