

Arvados - Bug #14710

[Workbench] Child containers run on federated clusters do not show up

01/10/2019 02:34 PM - Peter Amstutz

Status: New	Start date:
Priority: Normal	Due date:
Assigned To:	% Done: 0%
Category:	Estimated time: 0.00 hour
Target version:	
Description Child containers are determined by querying for container requests where requested_by_container_uuid matches the parent container. This does not work for federated workflows, because (a) containers run on remote clusters don't set requested_by_container_uuid and (b) even if it was set, we don't have an easy way to query remotes (requires either #14374 or generalizing javascript multi-site search feature). Solution: <ol style="list-style-type: none">1. When controller creates a remote container request, it can supply requested_by_container_uuid2. Controller records the uuid of the remote container request, and saves a cache copy of container request record in the local database with the appropriate requested_by_container_uuid3. The client can filter on requested_by_container_uuid in the local database and get both local and remote container requests.4. When a client makes a list or get request that returns remote objects, fetch the latest records from the remote cluster and merge the updated records into the response. (And update the cached copy?) What should the owner_uuid be on the cache copy?	
Related issues:	
Related to Arvados - Story #14374: Multi-site (federated) object search in co...	New
Related to Arvados Workbench 2 - Feature #15278: [Workbench 2] Search for & e...	New
Related to Arvados - Feature #15457: [Controller] Delegate new container requ...	New

History

#1 - 01/10/2019 02:34 PM - Peter Amstutz

- Status changed from New to In Progress

#2 - 01/10/2019 02:42 PM - Peter Amstutz

- Description updated

#3 - 01/10/2019 03:53 PM - Tom Morris

- Status changed from In Progress to New

#4 - 02/20/2019 03:55 PM - Tom Morris

- Related to Story #14374: Multi-site (federated) object search in controller added

#5 - 02/20/2019 07:00 PM - Peter Amstutz

- Description updated

#6 - 02/20/2019 07:01 PM - Peter Amstutz

- Description updated

#7 - 02/20/2019 08:31 PM - Peter Amstutz

- Description updated

- Story points set to 3.0

#8 - 02/27/2019 05:43 AM - Tom Morris

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

#9 - 07/10/2019 03:14 PM - Peter Amstutz

- Related to Story #15455: Outputs of workflow runs get put into a default location other than the user's home project added

#10 - 07/10/2019 03:18 PM - Peter Amstutz

- Related to Feature #15278: [Workbench 2] Search for & execute workflows defined on federated clusters added

#11 - 07/10/2019 03:59 PM - Peter Amstutz

- Related to deleted (Story #15455: Outputs of workflow runs get put into a default location other than the user's home project)

#12 - 07/10/2019 05:14 PM - Tom Clegg

- Related to Feature #15457: [Controller] Delegate new container requests to other clusters based on location of input data added

#13 - 12/31/2019 08:45 PM - Peter Amstutz

- Release set to 20

- Target version deleted (Arvados Future Sprints)