

Arvados - Feature #15250

a-c-r set TTL on final output collection

05/21/2019 04:08 PM - Peter Amstutz

Status:	In Progress	Start date:	
Priority:	Normal	Due date:	
Assigned To:	Jiayong Li	% Done:	0%
Category:	CWL	Estimated time:	0.00 hour
Target version:	2022-02-02 sprint		
Description			
Add feature to set the TTL on the final output collection (separate from existing feature which sets TTL on intermediate collections).			
Subtasks:			
Task # 17459: Review			New
Related issues:			
Related to Arvados Epics - Story #17848: Improve a-c-r usability		In Progress	07/01/2021 03/31/2022

History

#1 - 05/21/2019 04:09 PM - Peter Amstutz

- Description updated

#2 - 03/08/2021 10:34 PM - Peter Amstutz

- Target version changed from To Be Groomed to 2021-03-17 sprint

- Assigned To set to Jiayong Li

#3 - 03/08/2021 10:34 PM - Peter Amstutz

- Target version changed from 2021-03-17 sprint to 2021-03-31 sprint

#4 - 03/08/2021 10:35 PM - Peter Amstutz

- Category set to CWL

- Subject changed from [cwl] a-c-r set TTL on final output collection to a-c-r set TTL on final output collection

#5 - 03/31/2021 03:23 PM - Peter Amstutz

- Target version changed from 2021-03-31 sprint to 2021-04-14 sprint

#6 - 04/14/2021 03:51 PM - Peter Amstutz

- Target version changed from 2021-04-14 sprint to 2021-04-28 bughunt sprint

#7 - 04/14/2021 07:47 PM - Peter Amstutz

- Target version deleted (2021-04-28 bughunt sprint)

#8 - 06/22/2021 03:05 PM - Jiayong Li

- Status changed from New to In Progress

#9 - 06/30/2021 10:04 PM - Jiayong Li

1. First of all, would you like to have final output ttl set by an a-c-r argument, or an extension in the workflow cwl?

2. Following your hint, I'm trying to draw the parallel between setting intermediate output ttl (arvcontainer.py) and setting final output ttl (executor.py). In arvcontainer.py, you extract output_ttl (L268), set it in the container_request dictionary (L284), then use arvrunner.api.container_requests().update() (L309). But this looks quite different for final output: in executor.py, final output collection is made using the make_output_collection method (L421), this is not tied to a container_request. Do you think I should use the get_trash_at api call for the collection class?

#10 - 10/27/2021 03:08 PM - Peter Amstutz

- Target version set to 2021-11-10 sprint

#11 - 10/27/2021 03:08 PM - Peter Amstutz

- Related to Story #17848: Improve a-c-r usability added

#12 - 10/27/2021 09:10 PM - Peter Amstutz

Jiayong Li wrote:

1. First of all, would you like to have final output ttl set by an a-c-r argument, or an extension in the workflow cwl?

The user should be able to provide both on the command or using a CWL hint. That is how storage classes, intermediate output TTL, etc work.

2. Following your hint, I'm trying to draw the parallel between setting intermediate output ttl (arvcontainer.py) and setting final output ttl (executor.py). In arvcontainer.py, you extract output_ttl (L268), set it in the container_request dictionary (L284), then use arvrunner.api.container_requests().update() (L309). But this looks quite different for final output: in executor.py, final output collection is made using the make_output_collection method (L421), this is not tied to a container_request. Do you think I should use the get_trash_at api call for the collection class?

You want to add "trash_at=" to final.save_new(). trash_at takes a Python datetime object in the future.

executor.py:475

```
final.save_new(name=name, owner_uuid=self.project_uuid, storage_classes=storage_classes, ensure_unique_name=True, trash_at=...)
```

#13 - 11/10/2021 04:10 PM - Peter Amstutz

- Target version changed from 2021-11-10 sprint to 2021-11-24 sprint

#14 - 11/24/2021 04:56 PM - Peter Amstutz

- Target version changed from 2021-11-24 sprint to 2021-12-08 sprint

#15 - 12/08/2021 04:16 PM - Peter Amstutz

- Target version changed from 2021-12-08 sprint to 2022-01-05 sprint

#16 - 01/06/2022 03:51 PM - Peter Amstutz

- Target version changed from 2022-01-05 sprint to 2022-01-19 sprint

#17 - 01/19/2022 04:28 PM - Peter Amstutz

- Target version changed from 2022-01-19 sprint to 2022-02-02 sprint