

Arvados - Bug #17507

[keep-web] [s3] Implement NextContinuationToken per ListObjectsV2 API

03/30/2021 06:10 PM - Tom Clegg

Status:	Resolved	Start date:	04/23/2021
Priority:	Normal	Due date:	
Assigned To:	Tom Clegg	% Done:	100%
Category:	Keep	Estimated time:	0.00 hour
Target version:	2021-04-28 bughunt sprint		
Description			
According to https://docs.aws.amazon.com/AmazonS3/latest/API/API_ListObjectsV2.html the ListObjectsV2 API should return NextContinuationToken when isTruncated is true, and accept that value as the continuation-token parameter in a subsequent request.			
Currently, keep-web only implements ListObjectsV1 paging (i.e., it sends NextMarker and accepts that value as a marker parameter).			
To fix this we should look for the list-type=2 parameter, and if it's set, send NextContinuationToken and accept continuation-token, instead of sending NextMarker and accepting marker.			
Probably best to use a base64-encoded filename as a token, rather than the plain filename, in case client implementations rely on the assumption (which appears to be true with AWS) that the token won't have special characters.			
Subtasks:			
Task # 17569: Review 17507-listobjectsv2			Resolved
Related issues:			
Related to Arvados Epics - Story #16360: Keep-web supports S3 compatible inte...			Resolved 07/01/2020 04/30/2021

Associated revisions

Revision 40693f6b - 04/26/2021 02:14 PM - Tom Clegg

Merge branch '17507-listobjectsv2'

fixes #17507

Arvados-DCO-1.1-Signed-off-by: Tom Clegg <tom@curii.com>

History

#1 - 04/07/2021 02:43 PM - Peter Amstutz

- Related to Story #16360: Keep-web supports S3 compatible interface added

#2 - 04/21/2021 02:42 PM - Peter Amstutz

- Target version changed from Arvados Future Sprints to 2021-04-28 bughunt sprint

- Assigned To set to Tom Clegg

#3 - 04/21/2021 08:00 PM - Tom Clegg

- Status changed from New to In Progress

#4 - 04/23/2021 02:36 PM - Tom Clegg

17507-listobjectsv2 @ [c2d2234ce0da91881fc63459a30c5efcfbe29a26](https://ci.arvados.org/view/Developer/job/developer-run-tests/2437/) -- <https://ci.arvados.org/view/Developer/job/developer-run-tests/2437/>

#5 - 04/26/2021 01:57 PM - Nico César

review @ [c2d2234ce0da91881fc63459a30c5efcfbe29a26](https://ci.arvados.org/view/Developer/job/developer-run-tests/2437/)

Not much to object here, TestS3ListObjectsV2EncodingTypeURL and testS3CollectionListRollup seem to cover good amount of ground

reusing 'marker' for v2 and giving a different semantic and '+' divergence from the standard was not cool but that's not our fault.

Ready to merge

#6 - 04/26/2021 02:19 PM - Tom Clegg

- *Status changed from In Progress to Resolved*

Applied in changeset [arvados|40693f6b000a2089038af611eb93dc69d66377e3](#).

#7 - 06/16/2021 02:07 PM - Peter Amstutz

- *Release set to 38*