

Arvados - Feature #3734

[Keep] Keepstore and keepproxy support HTTP Range requests

08/27/2014 03:30 PM - Tim Pierce

Status:	New	Start date:	08/27/2014
Priority:	Normal	Due date:	
Assigned To:		% Done:	0%
Category:	Keep	Estimated time:	0.00 hour
Target version:	Arvados Future Sprints		
Description			
If a request has a Range header, read only the desired portion from the data volume, and return the segment with appropriate HTTP status (206) and headers (e.g., Content-Length: 10001, Content-Range: 1234-11234/100000).			
Skip hash verification (this would be impossible without reading the whole block). If a client needs to verify content hashes, it can either retrieve the whole block ahead of time and compute the checksums of each segment, or retrieve ranges in order and compute the hash piecewise.			
Related issues:			
Related to Arvados - Bug #3663: [SDKs] Python CollectionReader should return ...		Resolved	09/04/2014
Related to Arvados - Feature #8228: [SDKs] [FUSE] Python SDK and arv-mount us...		New	01/19/2016

History

#1 - 08/29/2014 02:34 PM - Ward Vandewege

- Story points set to 1.0

#2 - 08/29/2014 02:34 PM - Ward Vandewege

- Subject changed from Keep supports partial content to [Keep] Keep supports partial content

#3 - 09/17/2014 04:11 PM - Tom Clegg

- Target version changed from Arvados Future Sprints to 2014-10-08 sprint

#4 - 09/17/2014 04:15 PM - Brett Smith

- Assigned To set to Brett Smith

#5 - 09/26/2014 06:44 PM - Tom Clegg

- Target version changed from 2014-10-08 sprint to Arvados Future Sprints

#6 - 10/08/2014 05:52 PM - Ward Vandewege

- Target version changed from Arvados Future Sprints to 2014-10-29 sprint

#7 - 10/08/2014 06:48 PM - Tom Clegg

- Subject changed from [Keep] Keep supports partial content to [Keep] Keepstore, keepproxy, and Python SDK use HTTP Range to retrieve partial content where appropriate

- Story points changed from 1.0 to 2.0

#8 - 10/08/2014 07:09 PM - Tom Clegg

- Target version changed from 2014-10-29 sprint to Arvados Future Sprints

#9 - 01/19/2016 06:58 PM - Tom Clegg

- Subject changed from [Keep] Keepstore, keepproxy, and Python SDK use HTTP Range to retrieve partial content where appropriate to [Keep] Keepstore and keepproxy support HTTP Range requests

- Description updated

#10 - 10/21/2016 12:50 AM - Tom Morris

- Assigned To changed from Brett Smith to Tom Morris

#11 - 12/13/2016 07:53 PM - Tom Morris

- *Assigned To deleted (Tom Morris)*

#12 - 03/06/2020 07:32 AM - Stanislaw Adaszewski

Dear Team, Could we please assign a higher priority to this issue? Keepweb is extremely slow while keepproxy performs decently but is handicapped by the lack of Ranges support. It is quite a basic thing to have. Thank you in advance. Best regards, -- Stanislaw

#13 - 03/30/2020 11:38 AM - Stanislaw Adaszewski

Speaking strictly only in private capacity here. This issue is very high on my wish list.