

Arvados - Feature #8064

[Keep-web] Support CORS requests with Authorization headers

12/18/2015 08:14 PM - Tom Clegg

Status:	New	Start date:	12/18/2015
Priority:	Normal	Due date:	
Assigned To:		% Done:	0%
Category:	Keep	Estimated time:	0.00 hour
Target version:	Arvados Future Sprints		
Description			
Background			
<p>In #7884 we needed to add minimal CORS support to keep-web (allowing simple requests that don't need pre-flight) in order to let the Workbench log viewer retrieve log data from keep-web.</p> <p>However, supplying an API token in an Authorization header (where it rightfully belongs) makes it a non-simple request requiring preflight. The workaround was to do a POST request with the token supplied in a form in the request body.</p>			
Implementation			
Proper CORS support includes:			
<ul style="list-style-type: none">• Respond to OPTIONS requests (Allow: GET, POST) adding appropriate CORS headers (allow-methods "GET, POST"; allow-origin "***"; allow-headers "Authorization, Range", max-age 86400) if the Origin request header is present.• Add appropriate CORS headers to GET and POST requests if the Origin request header is set (allow-origin "***"; max-age 86400; expose-headers "Accept-Ranges, Content-Disposition, Content-Length, Content-Range")			
<p>This should allow Workbench to do a GET request with an Authorization header, instead of a POST request with a form. The special case in keep-web (responding to a POST request without a redirect if the Origin request header is present) won't be needed for Workbench any more, but should probably still be supported so other clients have more options at their disposal.</p>			
Related issues:			
Related to Arvados - Bug #7884: [Workbench] log viewer does not handle "redir...		Resolved	12/01/2015

History

#1 - 03/13/2019 06:27 AM - Tom Morris

- Target version set to Arvados Future Sprints

#2 - 03/13/2019 03:32 PM - Tom Morris

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

#3 - 03/20/2019 02:22 PM - Tom Morris

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