

Arvados - Story #11162

[GA4GH] Support workflow execution API

02/24/2017 04:04 PM - Peter Amstutz

Status:	Resolved	Start date:	05/11/2018
Priority:	Normal	Due date:	
Assigned To:	Peter Amstutz	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	2018-06-06 Sprint		
Description			
Deploy workflow-service to demo Arvados WES support and participate in GA4GH interoperability dream challenge. https://github.com/common-workflow-language/workflow-service			
Steps:			
<ol style="list-style-type: none">1. Test Arvados support in workflow-service<ol style="list-style-type: none">1. Useful support probably requires a-c-r to support http URLs in input2. Release package3. Add workflow-service to build.list to build deb/rpms4. Talk to ops about deploying to qr1hi:<ol style="list-style-type: none">1. Should have its own hostname (eg wes.qr1hi.arvadosapi.com)2. Should be lightweight, go on existing VM or a new cheap VM3. It is a Flask / WSGI app (Python) needs to be set up with an application server (passenger)4. Stateless service, minimal configuration required (just API server)			
Subtasks:			
Task # 13466: Test WES support			Resolved
Task # 13467: Deploy on qr1hi			Resolved
Task # 13481: Review 11162-wes-support			Resolved
Task # 13495: Try to get Denis's PCAWG workflow to run			Resolved
Related issues:			
Related to Arvados - Story #9046: [Crunch2] Can issue container request to pu...		New	

Associated revisions

Revision 606c29cd - 05/30/2018 11:39 AM - Peter Amstutz

Merge branch '11162-wes-support' refs #11162

Arvados-DCO-1.1-Signed-off-by: Peter Amstutz <pamstutz@veritasgenetics.com>

History

#1 - 08/28/2017 09:38 PM - Tom Morris

- Target version set to Arvados Future Sprints

#2 - 05/09/2018 03:54 PM - Peter Amstutz

- Target version changed from Arvados Future Sprints to 2018-05-23 Sprint

#3 - 05/09/2018 04:02 PM - Peter Amstutz

- Assigned To set to Peter Amstutz

#4 - 05/09/2018 06:32 PM - Peter Amstutz

- Description updated

#5 - 05/09/2018 06:34 PM - Peter Amstutz

- Description updated

#6 - 05/15/2018 05:21 PM - Peter Amstutz

- Related to Story #9046: [Crunch2] Can issue container request to pull and import Docker images added

#7 - 05/23/2018 02:48 PM - Peter Amstutz

- Status changed from New to In Progress

- Target version changed from 2018-05-23 Sprint to 2018-06-06 Sprint

#8 - 05/24/2018 04:03 PM - Peter Amstutz

11162-wes-support adds two features:

- http downloads. Can have http/https URLs in 'location' fields. They are downloaded to keep are replaced with keep references. Respects http cache headers when determining whether to re-download a file or reuse an existing collection.
- --submit-request-uuid lets the caller provide a container_request uuid that will be used by the runner job. This is so the WES server can create an empty container request and return the uuid to the caller without having to wait for a-c-r to do all the work of getting ready to submit the request (which may include downloading docker images and files).
- I should probably add some new tests.

Running existing tests here <https://ci.curoverse.com/job/developer-run-tests/725/>

#9 - 05/24/2018 06:09 PM - Lucas Di Pentima

- Some sdk/cwl tests are failing
- On file sdk/cwl/arvados_cwl/http.py
 - Line 21: A return may be missing
 - Line 92: I think status_code & url should be passed to the exception string the other way around
- I agree on the test additions

#10 - 05/29/2018 01:34 PM - Lucas Di Pentima

Reviewing [57e511e900aa1eb175fa7f308b09516ad83492b4](https://ci.curoverse.com/job/developer-run-tests/725/)

Is it too complicated to write tests for the new http download & cache code? I think it would be convenient but not sure if the http requests are mockable in this case.

Also, on file sdk/cwl/arvados_cwl/arvtool.py line 16, that exception message may need to be more explicit about what's the problem?

#11 - 05/29/2018 05:16 PM - Peter Amstutz

Lucas Di Pentima wrote:

Reviewing [57e511e900aa1eb175fa7f308b09516ad83492b4](https://ci.curoverse.com/job/developer-run-tests/725/)

Is it too complicated to write tests for the new http download & cache code? I think it would be convenient but not sure if the http requests are mockable in this case.

Already added 11162-wes-support @ [739b1b9ec3662f988ad09509bcc933ce5c23c4e8](https://ci.curoverse.com/job/developer-run-tests/725/)

Also, on file sdk/cwl/arvados_cwl/arvtool.py line 16, that exception message may need to be more explicit about what's the problem?

Oops, that was a debugging assertion (it should never happen, it was only triggering on unit tests which didn't quite set everything up correctly.) I can take it out.

#12 - 05/29/2018 05:17 PM - Peter Amstutz

Updated [c9abf73e0b57739a594aa1b4803726e612cf6313](https://ci.curoverse.com/job/developer-run-tests/727/)

<https://ci.curoverse.com/job/developer-run-tests/727/>

#13 - 05/29/2018 05:55 PM - Lucas Di Pentima

Updates at [c9abf73e0b57739a594aa1b4803726e612cf6313](https://ci.curoverse.com/job/developer-run-tests/727/) LGTM, thanks!

#14 - 06/06/2018 02:50 PM - Peter Amstutz

- Status changed from In Progress to Resolved

#15 - 07/23/2018 06:41 PM - Tom Morris

- Release set to 13