

Arvados - Story #10241

[Crunch2][Tests] Add a diagnostic test to run a container_request based test

10/12/2016 07:37 PM - Radhika Chippada

Status:	Resolved	Start date:	12/14/2016
Priority:	Normal	Due date:	
Assigned To:	Radhika Chippada	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	2017-02-01 sprint		
Description			
<ul style="list-style-type: none">• Add a "container_request_test.rb" in workbench/test/diagnostics similar to pipeline_test.rb• This test would run a process by selecting a "bwa-mem.cwl workflow"• Configuration options to provide the workflow uuid and user token			
Note: Currently this test can only be executed in 9tee4 environment			
Subtasks:			
Task # 10723: Review branch 10241-container-diagnostics-test			Resolved
Task # 10769: Add a jenkins job to run container_requests based diagnostics test for 9t...			Resolved

Associated revisions

Revision e54cce12 - 12/13/2016 07:46 PM - Radhika Chippada

refs #10241

Merge branch '10241-container-diagnostics-test'

History

#1 - 12/06/2016 04:42 PM - Radhika Chippada

- Description updated

#2 - 12/06/2016 07:02 PM - Radhika Chippada

- Status changed from New to In Progress

- Assigned To set to Radhika Chippada

- Target version set to 2016-12-14 sprint

- Story points set to 0.5

#3 - 12/14/2016 04:09 PM - Radhika Chippada

@ [54a93a3d](#)

- Added workbench/test/diagnostics/container_request_test.rb
- The test executes the workflow uuid(s) configured in the "diagnostics" section
- Obviously, this requires a Crunch2 environment, hence currently this test can be used in 9tee4 environment
- To aid testing, in 9tee4 environment, I added an "Arvados tutorial" public project and added the tutorial CWL workflow. This can be used to configure the diagnostics test in jenkins
- To review using 9tee4 environment:

1. Add the following to your workbench application.yml file

```
diagnostics:  
  secret_token: nicelongrandomlygeneratedsecrettoken  
  arvados_workbench_url: https://workbench.9tee4.arvadosapi.com  
  user_tokens:  
    active: yourtokengoeshere  
  container_requests_to_test:
```

```
container_request_1:
  workflow_uuid: 9tee4-7fd4e-tyh1r6qigdl7oel
  input_paths: []
  max_wait_seconds: 300
```

2. Use the following command to run:

```
RAILS_ENV=diagnostics bundle exec rake TEST=test/diagnostics/container_request_test.rb
```

#4 - 12/14/2016 07:59 PM - Radhika Chippada

- Target version changed from 2016-12-14 sprint to 2017-01-04 sprint

#5 - 12/15/2016 08:14 PM - Lucas Di Pentima

Just a small comment: Should the pipeline diagnostics test be updated as the container request regarding the assertion of the "Pause" button? Ran the diag test locally (on OSX didn't work, started Firefox and got a timeout 60secs later, worked on Virtualbox) and got the "Timeout" error:

```
1) Error:
ContainerRequestTest#test_run_container_request:_container_request_1:
Timeout::Error: execution expired
  test/diagnostics_test_helper.rb:21:in `visit_page_with_token'
  test/diagnostics_test_helper.rb:73:in `block in wait_until_page_has'
  test/diagnostics_test_helper.rb:71:in `wait_until_page_has'
  test/diagnostics/container_request_test.rb:46:in `block (2 levels) in <class:ContainerRequestTest>'
  test/test_helper.rb:299:in `run'
```

... so it's all good until 9tee4 get it's env updates.

#6 - 12/16/2016 06:24 PM - Lucas Di Pentima

Ran the test again, with 9tee4 updated. All good, so LGTM!

#7 - 01/04/2017 08:03 PM - Radhika Chippada

- Target version changed from 2017-01-04 sprint to 2017-01-18 sprint

#8 - 01/18/2017 08:15 PM - Radhika Chippada

- Target version changed from 2017-01-18 sprint to 2017-02-01 sprint

#9 - 01/27/2017 02:13 PM - Nico César

I couldn't find a way to copy to other people's projects from the workbench so I ended up doing:

```
arv-copy --src settings --dst settings --project-uuid 9tee4-j7d0g-fgfwayv3uiv7b389tee4-4zz18-1mmqp9ag92paj69
```

as my admin account from the shell

#10 - 01/30/2017 03:32 PM - Nico César

radika take a look at

```
apps/workbench/app/controllers/work_units_controller.rb:  attrs['command'] = ["arvados-cwl-runner", "--local", "--api=containers",
"/var/lib/cwl/workflow.json#main", "/var/lib/cwl/cwl.input.json"]
```

where is that /var/lib/ referring to? ... this is failing

#11 - 01/31/2017 11:57 PM - Radhika Chippada

- Status changed from In Progress to Resolved

Nico needed to make sure the token used in configuration can read workflows.