

Arvados - Bug #13849

[CWL] secondaryFiles checks failed in single container

07/18/2018 05:24 PM - Jiayong Li

Status:	Resolved	Start date:	
Priority:	Normal	Due date:	
Assigned To:	Peter Amstutz	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	2018-08-15 Sprint		
Description			
single container https://workbench.su92l.arvadosapi.com/container_requests/su92l-xvhdp-1vziek0s8udmajx			
non-single container https://workbench.su92l.arvadosapi.com/container_requests/su92l-xvhdp-g0u996tfq07d4mp			
Note that the non-single container run failed, with the secondaryFiles checks prompted errors, as they should.			
<pre>cwltool ERROR: Cannot make scatter job: Missing required secondary file 'chr1.1kg.phase3.v5a.vcf.gz.tbi' from file object: { "basename": "chr1.1kg.phase3.v5a.vcf.gz", "nameroot": "chr1.1kg.phase3.v5a.vcf", "nameext": ".gz", "location": "keep:ba7cd392bc4aa229c3c771b496e79628+9990/chr1.1kg.phase3.v5a.vcf.gz", "secondaryFiles": [], "class": "File" }</pre>			
This means the secondaryFiles checks failed in the single container version. See the attached tar ball for cwl. Run with			
<pre>arvados-cwl-runner phasing-wf.cwl phasing-NA12878.yml</pre>			

History

#1 - 07/18/2018 05:24 PM - Jiayong Li

- Status changed from New to In Progress

#2 - 07/18/2018 06:05 PM - Jiayong Li

- File Phasing.tar.gz added

- Description updated

- Status changed from In Progress to New

#3 - 08/01/2018 03:53 PM - Tom Morris

- Assigned To set to Peter Amstutz

- Target version set to 2018-08-15 Sprint

#4 - 08/10/2018 07:36 PM - Peter Amstutz

The expectation is that it would fail when run with RunInSingleContainer, but it didn't fail.

The diagnosis is that RunInSingleContainer uses cwltool inside the container. If the version of cwltool is older, it isn't enforcing those checks.

The solution is to rebuild the container image with a newer arvados-cwl-runner / cwltool.

#5 - 08/10/2018 07:36 PM - Peter Amstutz

- Status changed from New to Resolved

#6 - 11/13/2018 09:02 PM - Tom Morris

- Release set to 13

Files

Phasing.tar.gz	1.49 KB	07/18/2018	Jiayong Li
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