

Arvados - Bug #12467

crunch-run not waiting for Docker image to finish loading.

10/19/2017 05:28 PM - Peter Amstutz

Status:	Resolved	Start date:	10/19/2017
Priority:	Normal	Due date:	
Assigned To:	Peter Amstutz	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	2017-10-25 Sprint		
Description			
It is failing to load Docker image, even though the image load seemingly succeeds:			
<pre>2017-10-19T16:41:46.528938874Z Fetching Docker image from collection '997e3bc9579153e723b599b300d9123d+342'</pre>			
<pre>2017-10-19T16:41:46.549138991Z Using Docker image id 'sha256:20a23446d37fac4cb2ec6462310aaee7119f4594948765a3397b13f9baec4812'</pre>			
<pre>2017-10-19T16:41:46.549599576Z Loading Docker image from keep</pre>			
<pre>2017-10-19T16:41:49.814403711Z Creating Docker container</pre>			
<pre>2017-10-19T16:41:49.816658048Z While creating container: Error: No such image: sha256:20a23446d37fac4cb2ec6462310aaee7119f4594948765a3397b13f9baec4812</pre>			
It seems that loading is asynchronous, the ImageLoad method returns after the data has been transmitted but before the layers have been decompressed. We need to wait for a response indicating that loading is finished.			
Subtasks:			
Task # 12468: Review 12467-read-imgload-response			Resolved

Associated revisions

Revision 6fd6ddce - 10/19/2017 06:09 PM - Peter Amstutz

Merge branch '12467-read-imgload-response' closes #12467

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

History

#1 - 10/19/2017 05:38 PM - Peter Amstutz

- Description updated

#2 - 10/19/2017 05:41 PM - Peter Amstutz

- Status changed from New to In Progress

- Assigned To set to Peter Amstutz

12467-read-imgload-response @ [d64215e8f0057cc7b4c6295932bc7f444d27a1eb5](https://github.com/Arvados/arvados/commit/d64215e8f0057cc7b4c6295932bc7f444d27a1eb5)

#3 - 10/19/2017 05:53 PM - Tom Clegg

Better form to do "defer response.Body.Close()" before ioutil.ReadAll(), so it gets closed even if read fails.

I think the error message has copy-paste-itis: "While reading response to container image into Docker: %v"

I'm guessing it means "error reading response from docker.ImageLoad: %v"

You don't need to say string(rbody) -- %s prints a []byte as a string.

#4 - 10/19/2017 06:04 PM - Peter Amstutz

Tom Clegg wrote:

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You don't need to say `string(rbody)` -- `%s` prints a `[]byte` as a string.

All fixed, plus a bonus fix `log.Printf -> runner.CrunchLog.Printf`

12467-read-imgload-response @ [a976b02dc7ecba18277aceeaf086ab76fe4bf3f0](#)

#5 - 10/19/2017 06:08 PM - Tom Clegg

LGTM

#6 - 10/19/2017 06:15 PM - Anonymous

- *Status changed from In Progress to Resolved*

- *% Done changed from 0 to 100*

Applied in changeset `arvados|commit:6fd6ddcebd57df4ecb2303dc229420c2c13af7b`.