

Arvados - Bug #11519

arv-get should abort on ctrl/C

04/19/2017 05:38 PM - Tom Morris

Status:	In Progress	Start date:	04/19/2017
Priority:	Normal	Due date:	
Assigned To:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	Arvados Future Sprints		
Description			
<pre>1423 MiB / 43967 MiB 3.2% ^C Traceback (most recent call last): File "/home/tfmmorris/venv/local/lib/python2.7/site-packages/arvados/keep.py", line 480, in _headerfunction def _headerfunction(self, header_line): KeyboardInterrupt 2255 MiB / 43967 MiB 5.1% ^C Traceback (most recent call last): File "/home/tfmmorris/venv/local/lib/python2.7/site-packages/arvados/keep.py", line 480, in _headerfunction def _headerfunction(self, header_line): KeyboardInterrupt 2319 MiB / 43967 MiB 5.3% ^C ^C ^C Traceback (most recent call last): File "/home/tfmmorris/venv/local/lib/python2.7/site-packages/arvados/keep.py", line 480, in _headerfunction def _headerfunction(self, header_line): KeyboardInterrupt ^C ^C ^C ^C ^C Traceback (most recent call last): File "/home/tfmmorris/venv/local/lib/python2.7/site-packages/arvados/keep.py", line 480, in _headerfunction def _headerfunction(self, header_line): KeyboardInterrupt ^C Traceback (most recent call last): File "/home/tfmmorris/venv/local/lib/python2.7/site-packages/arvados/keep.py", line 480, in _headerfunction def _headerfunction(self, header_line): KeyboardInterrupt ^C Traceback (most recent call last): File "/home/tfmmorris/venv/local/lib/python2.7/site-packages/arvados/keep.py", line 480, in _headerfunction def _headerfunction(self, header_line): KeyboardInterrupt ^C</pre>			
Subtasks:			
Task # 11571: Review			New

History

#1 - 04/26/2017 07:09 PM - Lucas Di Pentima

- Assigned To set to Lucas Di Pentima

#2 - 05/08/2017 06:44 PM - Lucas Di Pentima

- Status changed from New to In Progress

#3 - 05/09/2017 01:34 AM - Lucas Di Pentima

I haven't been able to reproduce the problem using a local virtualenv and PySDK at master.

Nevertheless, I've found a pycurl bug report that seem to be similar to this issue: <https://github.com/pycurl/pycurl/issues/413>

The odd thing is that the code listed to reproduce the problem seem to work (that is, fails as reported) on my dev environment.

#4 - 05/10/2017 07:03 PM - Lucas Di Pentima

- Target version changed from 2017-05-10 sprint to 2017-05-24 sprint

#5 - 05/24/2017 06:18 PM - Lucas Di Pentima

- Target version changed from 2017-05-24 sprint to 2017-06-07 sprint

#6 - 06/07/2017 06:23 PM - Lucas Di Pentima

- Target version changed from 2017-06-07 sprint to 2017-06-21 sprint

#7 - 06/07/2017 06:45 PM - Tom Morris

- Assigned To changed from Lucas Di Pentima to Tom Morris

#8 - 06/21/2017 06:41 PM - Tom Morris

- Target version changed from 2017-06-21 sprint to 2017-07-05 sprint

#9 - 06/21/2017 09:19 PM - Tom Morris

This sounds not just similar, but identical, to me (including the fact that it occurs with HEADERFUNCTION):

<https://github.com/pycurl/pycurl/issues/413#issuecomment-276954718>

The workaround: <https://github.com/lorien/grab/commit/f26fd3052aaa9d9b24f1098759d73dcc2c00d7fa#diff-50f780fd1dcf1fa66656abf741a55c36L489>

seems a little convoluted to me, so I'm not 100% sure we want to go down that path, but perhaps you could discuss with Tom and/or Peter to brainstorm ideas for a possible solution.

#10 - 06/21/2017 09:19 PM - Tom Morris

- Assigned To changed from Tom Morris to Lucas Di Pentima

#11 - 07/05/2017 06:43 PM - Lucas Di Pentima

- Target version changed from 2017-07-05 sprint to 2017-07-19 sprint

#12 - 07/19/2017 06:45 PM - Lucas Di Pentima

- Status changed from In Progress to New

- Target version changed from 2017-07-19 sprint to 2017-08-02 sprint

#13 - 08/02/2017 06:59 PM - Tom Morris

- Target version changed from 2017-08-02 sprint to 2017-08-16 sprint

#14 - 08/16/2017 06:34 PM - Lucas Di Pentima

- Target version changed from 2017-08-16 sprint to 2017-08-30 Sprint

#15 - 08/30/2017 06:49 PM - Lucas Di Pentima

- Target version changed from 2017-08-30 Sprint to 2017-09-13 Sprint

#16 - 09/14/2017 07:55 PM - Lucas Di Pentima

- Target version changed from 2017-09-13 Sprint to 2017-09-27 Sprint

#17 - 09/26/2017 08:03 PM - Peter Amstutz

It sounds like we need to do something like this in order to detect ^C properly.

#18 - 09/27/2017 06:21 PM - Lucas Di Pentima

- Target version changed from 2017-09-27 Sprint to 2017-10-11 Sprint

#19 - 10/11/2017 06:56 PM - Lucas Di Pentima

- Target version changed from 2017-10-11 Sprint to 2017-10-25 Sprint

#20 - 10/25/2017 06:48 PM - Lucas Di Pentima

- Target version changed from 2017-10-25 Sprint to 2017-11-08 Sprint

#21 - 11/06/2017 02:24 PM - Lucas Di Pentima

- Status changed from New to In Progress

#22 - 11/08/2017 07:43 PM - Lucas Di Pentima

- Target version changed from 2017-11-08 Sprint to 2017-11-22 Sprint

#23 - 11/22/2017 07:18 PM - Lucas Di Pentima

- Target version changed from 2017-11-22 Sprint to 2017-12-06 Sprint

#24 - 11/27/2017 11:13 PM - Tom Morris

I've seen this issue with my own program that uses the Python SDK and doesn't do any exception catching, so perhaps the fix is needed in the Python SDK, not in arv-get.

This took three successive ctrl/Cs to kill:

```
j VGX2048 callvars e51c5-8i9sb-825qzt1ytjua375
 2/2 cores (req/actual), 10000/14020 MB, 1.77 hours, 3.55 core-hours, $ 0.26
^CTraceback (most recent call last):
  File "/usr/lib/python2.7/dist-packages/arvados/keep.py", line 524, in _headerfunction
    def _headerfunction(self, header_line):
KeyboardInterrupt
j VGX2048 callvars e51c5-8i9sb-3g1m40e6c3a9sbm
 2/2 cores (req/actual), 10000/14011 MB, 1.53 hours, 3.06 core-hours, $ 0.23
j VGX2048 callvars e51c5-8i9sb-lpjhzrsg73fvt4c
 2/2 cores (req/actual), 10000/14011 MB, 2.17 hours, 4.34 core-hours, $ 0.32
...
j VGX2048 scatter-samtools-view-sort-index e51c5-8i9sb-iunc8f5dhh9vu9b
 2/2 cores (req/actual), 10000/14011 MB, 0.23 hours, 0.46 core-hours, $ 0.03
j VGX2048 scatter-samtools-view-sort-index e51c5-8i9sb-uu0zd3buzscnm0k
 2/20 cores (req/actual), 10000/141017 MB, 0.26 hours, 5.10 core-hours, $ 0.38
j VGX2048 scatter-samtools-view-sort-index e51c5-8i9sb-00w6k80myf8cwym
 2/16 cores (req/actual), 10000/56347 MB, 0.35 hours, 5.60 core-hours, $ 0.32
^CTraceback (most recent call last):
  File "/usr/lib/python2.7/dist-packages/arvados/keep.py", line 367, in <lambda>
    lambda *args, **kwargs: self._socket_open(*args, **kwargs))
  File "/usr/lib/python2.7/dist-packages/arvados/keep.py", line 335, in _socket_open
    return self._socket_open_pycurl_7_19_3(*args, **kwargs)
  File "/usr/lib/python2.7/dist-packages/arvados/keep.py", line 341, in _socket_open_pycurl_7_19_3
    'Address', ['family', 'socktype', 'protocol', 'addr'],
  File "/usr/lib/python2.7/collections.py", line 386, in namedtuple
    exec class_definition in namespace
  File "<string>", line 1, in <module>
KeyboardInterrupt
j VGX2048 scatter-samtools-view-sort-index e51c5-8i9sb-fmhodqsywh89uss
 2/2 cores (req/actual), 10000/14020 MB, 0.29 hours, 0.57 core-hours, $ 0.04
```

#25 - 11/27/2017 11:13 PM - Tom Morris

- Description updated

#26 - 12/06/2017 07:22 PM - Lucas Di Pentima

- Target version changed from 2017-12-06 Sprint to 2017-12-20 Sprint

#27 - 12/06/2017 08:30 PM - Tom Morris

- Assigned To deleted (Lucas Di Pentima)

- Target version changed from 2017-12-20 Sprint to Arvados Future Sprints