

## Arvados - Bug #10808

### [Crunch] stuck job and pipeline instances on c97qk

01/04/2017 06:30 PM - Ward Vandewege

<b>Status:</b>	Resolved	<b>Start date:</b>	01/05/2017
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assigned To:</b>	Ward Vandewege	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2017-01-18 sprint		

#### Description

Job [c97qk-8i9sb-bj9c3ojdng85osz](#) appears to be unkillable via the cancel button on workbench.

There are several pipeline instances waiting on it:

```
2017-01-04_18:27:11.93074 2017-01-04 18:27:11 +0000 -- pipeline_instance
c97qk-dlhrv-n6pik83zizjk5hn
2017-01-04_18:27:11.93074 cwl-runner c97qk-8i9sb-bj9c3ojdng85osz
{:running=>1, :done=>0, :failed=>0, :todo=>0}
2017-01-04_18:27:13.03719
2017-01-04_18:27:13.03721 2017-01-04 18:27:12 +0000 -- pipeline_instance
c97qk-dlhrv-0thxn81rmpaedyo
2017-01-04_18:27:13.03721 cwl-runner c97qk-8i9sb-bj9c3ojdng85osz
{:running=>1, :done=>0, :failed=>0, :todo=>0}
2017-01-04_18:27:14.53057
2017-01-04_18:27:14.53060 2017-01-04 18:27:14 +0000 -- pipeline_instance
c97qk-dlhrv-frf2e4vls4gq22v
2017-01-04_18:27:14.53062 cwl-runner c97qk-8i9sb-bj9c3ojdng85osz
{:running=>1, :done=>0, :failed=>0, :todo=>0}
2017-01-04_18:27:15.74509
2017-01-04_18:27:15.74511 2017-01-04 18:27:15 +0000 -- pipeline_instance
c97qk-dlhrv-5dzt55sa9wlg495
2017-01-04_18:27:15.74512 cwl-runner c97qk-8i9sb-bj9c3ojdng85osz
{:running=>1, :done=>0, :failed=>0, :todo=>0}
2017-01-04_18:27:16.69833
2017-01-04_18:27:16.69834 2017-01-04 18:27:16 +0000 -- pipeline_instance
c97qk-dlhrv-luwxdzktqgl8hr6
2017-01-04_18:27:16.69835 cwl-runner c97qk-8i9sb-bj9c3ojdng85osz
{:running=>1, :done=>0, :failed=>0, :todo=>0}
2017-01-04_18:27:20.34010
```

It is not actually running:

```
c97qk:/etc/service# sinfo
PARTITION AVAIL TIMELIMIT NODES STATE NODELIST
compute* up infinite 7 drain* compute[3-9]
compute* up infinite 249 down* compute[0-2,10-255]
crypto up infinite 7 drain* compute[3-9]
crypto up infinite 249 down* compute[0-2,10-255]
c97qk:/etc/service# squeue_long
JOBID PARTITION NAME USER ST TIME NODES NODELIST (REASON)
```

I ran the stale jobs script which cleaned up two stale jobs but not [c97qk-8i9sb-bj9c3ojdng85osz](#):

```
c97qk:/var/www/arvados-api/current/script# RAILS_ENV=production bundle exec ./fail-jobs.rb --before
reboot
Called 'load' without the :safe option -- defaulting to safe mode.
You can avoid this warning in the future by setting the SafeYAML::OPTIONS[:default_mode] option (to
:safe or :unsafe).
dispatch: c97qk-8i9sb-ip0ts72w6z9nty9
: cleaned up stale job: started before 2016-11-18 02:31:23 +0000
dispatch: c97qk-8i9sb-7wzv76a2p7jbi9d
: cleaned up stale job: started before 2016-11-18 02:31:23 +0000
```

The workbench logs show this when I press the cancel button:

```
#<ArvadosApiClient::AccessForbiddenException: #<ArvadosModel::PermissionDeniedError: ArvadosModel:
:PermissionDeniedError> [API: 403]>
/var/www/arvados-workbench/current/app/models/arvados_api_client.rb:171:in `api'
/var/www/arvados-workbench/current/app/models/job.rb:30:in `cancel'
/var/www/arvados-workbench/current/app/controllers/jobs_controller.rb:50:in `cancel'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/actionpack-4.1.12/lib/action_contr
oller/metal/implicit_render.rb:4:in `send_action'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/actionpack-4.1.12/lib/abstract_con
troller/base.rb:189:in `process_action'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/actionpack-4.1.12/lib/action_contr
oller/metal/rendering.rb:10:in `process_action'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/actionpack-4.1.12/lib/abstract_con
troller/callbacks.rb:20:in `block in process_action'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_su
pport/callbacks.rb:113:in `call'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_su
pport/callbacks.rb:552:in `block (2 levels) in compile'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_su
pport/callbacks.rb:502:in `call'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_su
pport/callbacks.rb:495:in `block (2 levels) in around'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_su
pport/callbacks.rb:286:in `block (2 levels) in halting_and_conditional'
/var/www/arvados-workbench/current/app/controllers/application_controller.rb:649:in `require_threa
d_api_token'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_su
pport/callbacks.rb:429:in `block in make_lambda'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_su
pport/callbacks.rb:285:in `block in halting_and_conditional'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_su
pport/callbacks.rb:494:in `block in around'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_su
pport/callbacks.rb:502:in `call'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_su
pport/callbacks.rb:495:in `block (2 levels) in around'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_su
pport/callbacks.rb:306:in `block (2 levels) in halting'
/var/www/arvados-workbench/current/app/controllers/application_controller.rb:631:in `set_thread_ap
i_token'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_su
pport/callbacks.rb:429:in `block in make_lambda'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_su
pport/callbacks.rb:305:in `block in halting'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_su
pport/callbacks.rb:494:in `block in around'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_su
pport/callbacks.rb:502:in `call'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_su
pport/callbacks.rb:495:in `block (2 levels) in around'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_su
pport/callbacks.rb:306:in `block (2 levels) in halting'
/var/www/arvados-workbench/current/app/controllers/application_controller.rb:561:in `thread_clear'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_su
pport/callbacks.rb:429:in `block in make_lambda'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_su
pport/callbacks.rb:305:in `block in halting'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_su
pport/callbacks.rb:494:in `block in around'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_su
pport/callbacks.rb:502:in `call'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_su
pport/callbacks.rb:86:in `run_callbacks'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/actionpack-4.1.12/lib/abstract_con
troller/callbacks.rb:19:in `process_action'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/actionpack-4.1.12/lib/action_contr
```

```
oller/metal/rescue.rb:29:in `process_action'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/actionpack-4.1.12/lib/action_controller/metal/instrumentation.rb:32:in `block in process_action'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_record/notifications.rb:159:in `block in instrument'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_record/notifications/instrumenter.rb:20:in `instrument'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_record/notifications.rb:159:in `instrument'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/actionpack-4.1.12/lib/action_controller/metal/instrumentation.rb:30:in `process_action'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/actionpack-4.1.12/lib/action_controller/metal/params_wrapper.rb:250:in `process_action'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_record/railties/controller_runtime.rb:18:in `process_action'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/actionpack-4.1.12/lib/abstract_controller/base.rb:136:in `process'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/actionview-4.1.12/lib/action_view/rendering.rb:30:in `process'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/actionpack-4.1.12/lib/action_controller/metal.rb:196:in `dispatch'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/actionpack-4.1.12/lib/action_controller/metal/rack_delegation.rb:13:in `dispatch'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/actionpack-4.1.12/lib/action_controller/metal.rb:232:in `block in action'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/actionpack-4.1.12/lib/action_dispatch/routing/route_set.rb:82:in `dispatch'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/actionpack-4.1.12/lib/action_dispatch/routing/route_set.rb:50:in `call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/actionpack-4.1.12/lib/action_dispatch/journey/router.rb:73:in `block in call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/actionpack-4.1.12/lib/action_dispatch/journey/router.rb:59:in `each'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/actionpack-4.1.12/lib/action_dispatch/journey/router.rb:59:in `call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/actionpack-4.1.12/lib/action_dispatch/routing/route_set.rb:692:in `call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/rack-1.5.5/lib/rack/etag.rb:23:in `call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/rack-1.5.5/lib/rack/conditionalget.rb:35:in `call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/rack-1.5.5/lib/rack/head.rb:11:in `call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/actionpack-4.1.12/lib/action_dispatch/middleware/params_parser.rb:27:in `call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/actionpack-4.1.12/lib/action_dispatch/middleware/flash.rb:254:in `call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/rack-1.5.5/lib/rack/session/abstract/id.rb:225:in `context'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/rack-1.5.5/lib/rack/session/abstract/id.rb:220:in `call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/actionpack-4.1.12/lib/action_dispatch/middleware/cookies.rb:562:in `call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_record/query_cache.rb:36:in `call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_record/connection_adapters/abstract/connection_pool.rb:621:in `call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/actionpack-4.1.12/lib/action_dispatch/middleware/callbacks.rb:29:in `block in call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_record/notifications/callbacks.rb:82:in `run_callbacks'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/actionpack-4.1.12/lib/action_dispatch/middleware/callbacks.rb:27:in `call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/actionpack-4.1.12/lib/action_dispatch/middleware/remote_ip.rb:76:in `call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/actionpack-4.1.12/lib/action_dispatch/middleware/debug_exceptions.rb:17:in `call'
```

```
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/actionpack-4.1.12/lib/action_dispatch/middleware/show_exceptions.rb:30:in `call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/lograge-0.3.6/lib/lograge/rails_ext/rack/logger.rb:15:in `call_app'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/railties-4.1.12/lib/rails/rack/logger.rb:20:in `block in call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_support/tagged_logging.rb:68:in `block in tagged'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_support/tagged_logging.rb:26:in `tagged'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_support/tagged_logging.rb:68:in `tagged'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/railties-4.1.12/lib/rails/rack/logger.rb:20:in `call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/actionpack-4.1.12/lib/action_dispatch/middleware/request_id.rb:21:in `call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/rack-1.5.5/lib/rack/methodoverride.rb:21:in `call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/rack-1.5.5/lib/rack/runtime.rb:17:in `call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/activerecord-4.1.12/lib/active_support/cache/strategy/local_cache_middleware.rb:26:in `call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/rack-1.5.5/lib/rack/sendfile.rb:112:in `call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/actionpack-4.1.12/lib/action_dispatch/middleware/ssl.rb:24:in `call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/railties-4.1.12/lib/rails/engine.rb:514:in `call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/railties-4.1.12/lib/rails/application.rb:144:in `call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/railties-4.1.12/lib/rails/railtie.rb:194:in `public_send'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.3.0/gems/railties-4.1.12/lib/rails/railtie.rb:194:in `method_missing'  
/usr/lib/ruby/vendor_ruby/phusion_passenger/rack/thread_handler_extension.rb:94:in `process_request'  
/usr/lib/ruby/vendor_ruby/phusion_passenger/request_handler/thread_handler.rb:157:in `accept_and_process_next_request'  
/usr/lib/ruby/vendor_ruby/phusion_passenger/request_handler/thread_handler.rb:110:in `main_loop'  
/usr/lib/ruby/vendor_ruby/phusion_passenger/request_handler.rb:415:in `block (3 levels) in start_threads'  
/usr/lib/ruby/vendor_ruby/phusion_passenger/Utils.rb:111:in `block in create_thread_and_abort_on_exception'
```

#### Subtasks:

Task # 10828: Review

Resolved

#### Associated revisions

##### Revision 3b115038 - 01/05/2017 03:09 PM - Tom Clegg

Merge branch '10808-file-cache-ownership'

refs #10808

##### Revision 773a1afc - 01/05/2017 05:42 PM - Tom Clegg

Merge branch '10808-admin-cancel-job'

refs #10808

##### Revision 3aee47f0 - 01/11/2017 06:48 PM - Tom Clegg

10808: Fix crash in cache-ownership-mismatch warning message.

refs #10808

#### History

##### #1 - 01/04/2017 06:32 PM - Ward Vandewege

- Description updated

## #2 - 01/04/2017 06:34 PM - Ward Vandewege

- Description updated

## #3 - 01/04/2017 06:35 PM - Ward Vandewege

- Description updated

## #4 - 01/04/2017 06:43 PM - Ward Vandewege

- Description updated

## #5 - 01/04/2017 11:12 PM - Tom Clegg

10808-file-cache-ownership @ [d7b27f798a0298f5508842c5f7f03b8fccafa3ab](#)

## #6 - 01/04/2017 11:12 PM - Tom Clegg

- Status changed from New to In Progress

## #7 - 01/05/2017 02:06 AM - Ward Vandewege

Tom Clegg wrote:

10808-file-cache-ownership @ [d7b27f798a0298f5508842c5f7f03b8fccafa3ab](#)

Background: Tom found

```
#<Errno::EACCES: Permission denied @ unlink_internal - /var/www/arvados-api/current/tmp/cache/94F/070/SweepTrashedCollections>
```

in the API server logs. SweepTrashedCollections is new, it runs whenever Collection.where() is executed.

Clearly, something running as root created the cached copy on c97qk by executing Collection.where(). First we suspected the rake call during package installation, but our postinst script is already very careful to fix the cache dir ownership.

Then we looked at crunch-dispatch, which does still run as root (bleh).

Tom came up with the patch in this branch to avoid getting into the state where cache dir ownership is screwed up.

I have applied this patch on c97qk and confirmed that the if block is executed for crunch-dispatch (which currently runs as root, :/), but does not trigger for the rails processes running under Passenger, as the www-data user (on debian-based systems).

I removed the offending cache directory with ownership root and restarted crunch-dispatch-jobs and crunch-dispatch-pipelines.

After a few minutes, a new SweepCacheCollections file appeared but this time owned by www-data, which means it must have been written by the API server not crunch-dispatch:

```
c97qk:/etc/service# v /var/www/arvados-api/current/tmp/cache/94F
total 4
drwxr-sr-x  3 www-data www-data  16 Jan  5 01:56 ./
drwxrwsr-x 23 www-data www-data 4096 Jan  5 01:56 ../
drwxr-sr-x  2 www-data www-data  36 Jan  5 01:56 070/
```

```
c97qk:/etc/service# v /var/www/arvados-api/current/tmp/cache/94F/070/
total 4
drwxr-sr-x  2 www-data www-data  36 Jan  5 01:56 ./
drwxr-sr-x  3 www-data www-data  16 Jan  5 01:56 ../
-rw-r--r--  1 www-data www-data 111 Jan  5 01:56 SweepTrashedCollections
```

In other words, this looks good to me and I would like to see the patch merged. Thanks!

## #8 - 01/05/2017 02:16 AM - Ward Vandewege

- Description updated

- Assigned To set to Ward Vandewege

- Target version set to 2017-01-18 sprint

## #9 - 01/05/2017 03:22 PM - Tom Clegg

More detail on the "cancel button doesn't work" problem:

- Even after the cache dir is fixed, clicking the "Cancel" button doesn't cancel the job.
- No error message or other user feedback.
- Chrome debugger shows

```
Request URL:https://workbench.c97qk.arvadosapi.com/jobs/c97qk-8i9sb-bj9c3ojdng85osz/cancel
Request Method:POST
Status Code:422 Unprocessable Entity
```

```
HTTP/1.1 422 Unprocessable Entity
Server: nginx/1.8.0
Date: Thu, 05 Jan 2017 15:19:48 GMT
Content-Type: application/json; charset=utf-8
Transfer-Encoding: chunked
Connection: keep-alive
Status: 422 Unprocessable Entity
Cache-Control: no-cache, no-store, max-age=0, must-revalidate
Strict-Transport-Security: max-age=31536000
Pragma: no-cache
X-XSS-Protection: 1; mode=block
X-Request-Id: dff5a12c-afa9-424e-a2e6-62ccbaelblef
X-Runtime: 0.302502
X-Frame-Options: SAMEORIGIN
X-Content-Type-Options: nosniff
Expires: Fri, 01 Jan 1990 00:00:00 GMT
X-Powered-By: Phusion Passenger 5.0.16
```

```
{ "success": false, "errors": [ "#\u003cArvadosModel::PermissionDeniedError: ArvadosModel::PermissionDeniedError\u003e" ] }
```

#### API log:

- `c97qk-tpzed-7o2gfjdlp10dq9r` tried to change protected job attributes on locked Job `c97qk-8i9sb-bj9c3ojdng85osz`  

```
#<ArvadosModel::PermissionDeniedError: ArvadosModel::PermissionDeniedError>
/data-sdc/var-www/arvados-api/current/app/models/arvados_model.rb:370:in `ensure_permission_to_save'
...
Error 1483629588+6489a86c: 403
{"method": "POST", "path": "/arvados/v1/jobs/c97qk-8i9sb-bj9c3ojdng85osz/cancel", "format": "**/*", "controller": "arvados/v1/jobs", "action": "cancel", "status": 403, "duration": 11.66, "view": 0.14, "db": 3.06, ... "@timestamp": "2017-01-05T15:19:48Z"...
```

#### #10 - 01/05/2017 03:57 PM - Tom Clegg

10808-admin-cancel-job @ [4a00ceae73e8d76affe6b646832c525355e7897c](https://ci.curoverse.com/job/developer-run-tests/127/)https://ci.curoverse.com/job/developer-run-tests/127/

#### #11 - 01/05/2017 05:04 PM - Radhika Chippada

Just a nit. It might be easier to follow the intent of the code block if the comment "If we don't own the cache dir ..." is placed above the `default_cache_path` declaration in `application.rb`

LGTM

#### #12 - 01/18/2017 02:07 AM - Ward Vandewege

- Status changed from *In Progress* to *Resolved*