

## Arvados - Bug #16043

### There was an error while trying to load the gem 'arvados'.Gem Load Error is: can't modify frozen String

01/17/2020 03:36 PM - Ward Vandewege

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assigned To:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Workbench	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2020-01-29 Sprint		
<b>Description</b>			
<b>Related issues:</b>			
Related to Arvados - Bug #13920: arvados-cli fails with ruby versions >= 2.3.7		<b>Resolved</b>	<b>07/26/2018</b>
Related to Arvados - Bug #17738: [ruby] sudden gem load errors on ubuntu 18.0...		<b>Resolved</b>	<b>05/27/2021</b>

## History

### #1 - 01/17/2020 03:38 PM - Ward Vandewege

- Category set to Workbench

- Subject changed from There was an error while trying to load the gem 'arvados'.

Gem Load Error is: can't modify frozen String to There was an error while trying to load the gem 'arvados'.Gem Load Error is: can't modify frozen String

I seems that under ruby 2.5, Workbench can't start anymore due to the backtrace below.

The error is at line 9 in sdk/ruby/lib/arvados/google\_api\_client.rb:

```
require 'google/api_client'  
# Monkeypatch google-api-client gem to avoid sending newline characters  
# on headers to make ruby-2.3.7+ happy.  
# See: https://dev.arvados.org/issues/13920  
Google::APIClient::ENV::OS_VERSION.strip!
```

I guess that OS\_VERSION string is frozen now, and modifications are not allowed.

There was an error while trying to load the gem 'arvados'.

Gem Load Error is: can't modify frozen String

Backtrace for gem load error is:

```
/var/www/arvados-workbench/current/vendor/cache/arvados-dd9f2403f43b/sdk/ruby/lib/arvados/google_api_client.rb  
:9:in `strip!'  
/var/www/arvados-workbench/current/vendor/cache/arvados-dd9f2403f43b/sdk/ruby/lib/arvados/google_api_client.rb  
:9:in `'  
/var/www/arvados-workbench/current/vendor/cache/arvados-dd9f2403f43b/sdk/ruby/lib/arvados.rb:11:in `require'  
/var/www/arvados-workbench/current/vendor/cache/arvados-dd9f2403f43b/sdk/ruby/lib/arvados.rb:11:in `ired)>'  
/usr/lib/ruby/vendor_ruby/bundler/runtime.rb:81:in `require'  
/usr/lib/ruby/vendor_ruby/bundler/runtime.rb:81:in `block (2 levels) in require'  
/usr/lib/ruby/vendor_ruby/bundler/runtime.rb:76:in `each'  
/usr/lib/ruby/vendor_ruby/bundler/runtime.rb:76:in `block in require'  
/usr/lib/ruby/vendor_ruby/bundler/runtime.rb:65:in `each'  
/usr/lib/ruby/vendor_ruby/bundler/runtime.rb:65:in `require'  
/usr/lib/ruby/vendor_ruby/bundler.rb:114:in `require'  
/var/www/arvados-workbench/current/config/application.rb:20:in `'  
/var/www/arvados-workbench/current/config/environment.rb:6:in `require_relative'  
/var/www/arvados-workbench/current/config/environment.rb:6:in `'  
config.ru:7:in `require'  
config.ru:7:in `block in <main>'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/rack-2.0.7/lib/rack/builder.rb:55:in `instance  
_eval'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/rack-2.0.7/lib/rack/builder.rb:55:in `initiali  
ze'  
config.ru:1:in `new'  
config.ru:1:in `'  
/usr/share/passenger/helper-scripts/rack-preloader.rb:101:in `eval'
```

```

/usr/share/passenger/helper-scripts/rack-preloader.rb:101:in `preload_app'
/usr/share/passenger/helper-scripts/rack-preloader.rb:189:in `block in <module:App>'
/usr/lib/ruby/vendor_ruby/phusion_passenger/loader_shared_helpers.rb:380:in `run_block_and_record_step_progress'
/usr/share/passenger/helper-scripts/rack-preloader.rb:188:in `<module:App>'
/usr/share/passenger/helper-scripts/rack-preloader.rb:30:in `<module:PhusionPassenger>'
/usr/share/passenger/helper-scripts/rack-preloader.rb:29:in `<main>'
Bundler Error Backtrace:
(Bundler::GemRequireError)
/usr/lib/ruby/vendor_ruby/bundler/runtime.rb:84:in `rescue in block (2 levels) in require'
/usr/lib/ruby/vendor_ruby/bundler/runtime.rb:80:in `block (2 levels) in require'
/usr/lib/ruby/vendor_ruby/bundler/runtime.rb:76:in `each'
/usr/lib/ruby/vendor_ruby/bundler/runtime.rb:76:in `block in require'
/usr/lib/ruby/vendor_ruby/bundler/runtime.rb:65:in `each'
/usr/lib/ruby/vendor_ruby/bundler/runtime.rb:65:in `require'
/usr/lib/ruby/vendor_ruby/bundler.rb:114:in `require'
/var/www/arvados-workbench/current/config/application.rb:20:in `<top (required)>'
/var/www/arvados-workbench/current/config/environment.rb:6:in `require_relative'
/var/www/arvados-workbench/current/config/environment.rb:6:in `<top (required)>'
config.ru:7:in `require'
config.ru:7:in `block in <main>'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/rack-2.0.7/lib/rack/builder.rb:55:in `instance_eval'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/rack-2.0.7/lib/rack/builder.rb:55:in `initialize'
config.ru:1:in `new'
config.ru:1:in `<main>'
/usr/share/passenger/helper-scripts/rack-preloader.rb:101:in `eval'
/usr/share/passenger/helper-scripts/rack-preloader.rb:101:in `preload_app'
/usr/share/passenger/helper-scripts/rack-preloader.rb:189:in `block in <module:App>'
/usr/lib/ruby/vendor_ruby/phusion_passenger/loader_shared_helpers.rb:380:in `run_block_and_record_step_progress'
/usr/share/passenger/helper-scripts/rack-preloader.rb:188:in `<module:App>'
/usr/share/passenger/helper-scripts/rack-preloader.rb:30:in `<module:PhusionPassenger>'
/usr/share/passenger/helper-scripts/rack-preloader.rb:29:in `<main>'

```

## #2 - 01/17/2020 03:39 PM - Ward Vandewege

- Related to Bug #13920: arvados-cli fails with ruby versions >= 2.3.7 added

## #3 - 01/17/2020 03:42 PM - Ward Vandewege

Hmmm. I upgraded workbench.ce8i5 to the latest bleeding edge and I'm not seeing this error anymore. Maybe it was fixed already?

## #4 - 01/29/2020 04:49 PM - Peter Amstutz

- Status changed from New to Closed

## #5 - 05/27/2021 02:23 PM - Ward Vandewege

- Related to Bug #17738: [ruby] sudden gem load errors on ubuntu 18.04 (ruby 2.5.1) added