

Arvados - Story #14946

Update to Ruby 2.5 - 2.3 is going EOL

03/13/2019 03:21 PM - Tom Morris

Status:	Resolved	Start date:	05/31/2019
Priority:	Normal	Due date:	
Assigned To:	Lucas Di Pentima	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	2019-06-19 Sprint		
Description			
Subtasks:			
Task # 14963: Review 14946-ruby-2.5			Resolved
Related issues:			
Related to Arvados - Bug #14967: [SSO] fails to start with Ruby 2.4 (future o...		Closed	
Related to Arvados - Story #14989: [SSO] Upgrade to Rails 5		Rejected	
Blocked by Arvados - Story #14988: [Workbench] Upgrade to Rails 5		Resolved	05/14/2019
Blocked by Arvados - Story #14873: [API] Update to Rails 5		Resolved	03/20/2019

Associated revisions

Revision e7c54238 - 06/10/2019 05:46 PM - Lucas Di Pentima

Merge branch '14946-ruby-2.5'
Refs #14946

Arvados-DCO-1.1-Signed-off-by: Lucas Di Pentima <ldipentima@veritasgenetics.com>

History

#1 - 03/13/2019 03:23 PM - Lucas Di Pentima

- Assigned To set to Lucas Di Pentima

#2 - 03/13/2019 06:23 PM - Peter Amstutz

I have a branch of arvbox, I just tried upgrading ruby to 2.4. We might have a problem with the SSO server:

```
2019-03-13_18:21:07.25233 Bundler::GemRequireError: There was an error while trying to load the gem 'devise'.
2019-03-13_18:21:07.25233 Gem Load Error is: ActiveSupport::Duration can't be coerced into Integer
2019-03-13_18:21:07.25233 Backtrace for gem load error is:
2019-03-13_18:21:07.25233 /var/lib/gems/ruby/2.4.0/gems/activesupport-3.2.22.5/lib/active_support/core_ext/num
eric/time.rb:50:in `*'
2019-03-13_18:21:07.25233 /var/lib/gems/ruby/2.4.0/gems/activesupport-3.2.22.5/lib/active_support/core_ext/num
eric/time.rb:50:in `days'
2019-03-13_18:21:07.25234 /var/lib/gems/ruby/2.4.0/gems/activesupport-3.2.22.5/lib/active_support/core_ext/num
eric/time.rb:55:in `weeks'
2019-03-13_18:21:07.25234 /var/lib/gems/ruby/2.4.0/gems/devise-2.2.8/lib/devise.rb:102:in `<module:Devise>'
2019-03-13_18:21:07.25234 /var/lib/gems/ruby/2.4.0/gems/devise-2.2.8/lib/devise.rb:8:in `<top (required)>'
2019-03-13_18:21:07.25234 /var/lib/gems/gems/bundler-1.16.1/lib/bundler/runtime.rb:81:in `require'
2019-03-13_18:21:07.25234 /var/lib/gems/gems/bundler-1.16.1/lib/bundler/runtime.rb:81:in `block (2 levels) in
require'
2019-03-13_18:21:07.25234 /var/lib/gems/gems/bundler-1.16.1/lib/bundler/runtime.rb:76:in `each'
2019-03-13_18:21:07.25235 /var/lib/gems/gems/bundler-1.16.1/lib/bundler/runtime.rb:76:in `block in require'
2019-03-13_18:21:07.25235 /var/lib/gems/gems/bundler-1.16.1/lib/bundler/runtime.rb:65:in `each'
2019-03-13_18:21:07.25235 /var/lib/gems/gems/bundler-1.16.1/lib/bundler/runtime.rb:65:in `require'
2019-03-13_18:21:07.25235 /var/lib/gems/gems/bundler-1.16.1/lib/bundler.rb:114:in `require'
2019-03-13_18:21:07.25236 /usr/src/sso/config/application.rb:7:in `<top (required)>'
2019-03-13_18:21:07.25236 /usr/src/sso/Rakefile:4:in `require'
2019-03-13_18:21:07.25236 /usr/src/sso/Rakefile:4:in `<top (required)>'
```

#3 - 03/13/2019 06:29 PM - Peter Amstutz

- Related to Bug #14967: [SSO] fails to start with Ruby 2.4 (future of the SSO server) added

#4 - 03/14/2019 02:06 PM - Fernando Monserrat

@lucas @Peter we were talking on our kanban about the ruby update, why don't we try to go to version 2.5 instead of 2.4 . For Debian (buster)and Ubuntu (bionic) default is 2.5.1 and we think stretch will move to this version also now taht 2.3 is in EOL .

#5 - 03/15/2019 02:34 PM - Lucas Di Pentima

- Status changed from New to In Progress

#6 - 03/15/2019 06:14 PM - Lucas Di Pentima

Fernando: Rails 4.2 doesn't support ruby 2.5, BUT rails 4.2 will be completely unsupported near April 30th when rails 6 is released, so I think it's maybe worth to try to upgrade rails & ruby on the same go.

#7 - 03/18/2019 05:42 PM - Lucas Di Pentima

- Blocked by Story #14987: [API] Upgrade to Rails 5 added

#8 - 03/18/2019 05:43 PM - Lucas Di Pentima

- Blocked by Story #14988: [Workbench] Upgrade to Rails 5 added

#9 - 03/18/2019 05:44 PM - Lucas Di Pentima

- Blocked by Story #14989: [SSO] Upgrade to Rails 5 added

#10 - 03/18/2019 06:42 PM - Lucas Di Pentima

- Blocked by Story #14873: [API] Update to Rails 5 added

#11 - 03/18/2019 06:44 PM - Lucas Di Pentima

- Blocked by deleted (Story #14987: [API] Upgrade to Rails 5)

#12 - 03/27/2019 03:14 PM - Lucas Di Pentima

- Target version changed from 2019-03-27 Sprint to 2019-04-10 Sprint

#13 - 03/27/2019 03:33 PM - Tom Morris

- Subject changed from Update to Ruby 2.4 - 2.3 is going EOL to Update to Ruby 2.5 - 2.3 is going EOL

#14 - 04/10/2019 01:07 PM - Lucas Di Pentima

- Target version changed from 2019-04-10 Sprint to 2019-04-24 Sprint

#15 - 04/24/2019 03:23 PM - Lucas Di Pentima

- Target version changed from 2019-04-24 Sprint to 2019-05-08 Sprint

#18 - 05/08/2019 04:46 PM - Lucas Di Pentima

- Target version changed from 2019-05-08 Sprint to 2019-05-22 Sprint

#19 - 05/22/2019 04:35 PM - Lucas Di Pentima

- Target version changed from 2019-05-22 Sprint to 2019-06-05 Sprint

#20 - 05/22/2019 05:15 PM - Lucas Di Pentima

- Story points set to 1.0

#21 - 05/28/2019 08:27 PM - Lucas Di Pentima

Status update: [0a80a91b9](#) - branch 14946-ruby-2.5

- Dockerfiles updated to build packages with ruby 2.5.5, except for Ubuntu 14.04 that fails. (investigation pending)
- API tests passing using a stretch image with latest rvm & ruby 2.5.5: <https://ci.curoverse.com/view/Developer/job/ruby25-run-tests-services-api/7>
- Now running workbench unit tests at <https://ci.curoverse.com/view/Developer/job/ruby25-run-tests-services-api/8>
- If wb unit test pass, we'll do a full run on the ruby25 jenkins job.

#22 - 05/28/2019 08:35 PM - Lucas Di Pentima

Fernando just launched a full test run (<https://ci.curoverse.com/view/Developer/job/ruby25-run-tests-services-api/9>) after confirming WB unit test success.

#23 - 05/28/2019 09:05 PM - Lucas Di Pentima

Updated SSO's installation documentation to ask for ruby 2.3, while the rest asks for 2.5 - [c4107b1da](#)

#24 - 05/30/2019 05:38 PM - Lucas Di Pentima

Updates at [618643017](#)

Test run: <https://ci.curoverse.com/view/Developer/job/ruby25-run-tests-services-api/12>

Fixed several warnings regarding un-initialized variables, deprecated Fixnum usage, unused variables, etc.

#25 - 05/31/2019 01:57 PM - Lucas Di Pentima

Updates at [ebce50053](#)

Test run: <https://ci.curoverse.com/view/Developer/job/ruby25-run-tests-services-api/14/console>

Further ruby warning fixes were made.

There are warnings coming from various gems that we use on workbench, some of them don't have newer versions (for example andand), should we invest time on trying to fix them?

Fernando tells me that we shouldn't merge this without confirming with him first, as he's doing some work on Jenkins to be able to support the newer ruby.

#26 - 06/03/2019 03:15 PM - Tom Clegg

Lucas Di Pentima wrote:

Updates at [ebce50053](#)

LGTM

There are warnings coming from various gems that we use on workbench, some of them don't have newer versions (for example andand), should we invest time on trying to fix them?

I don't think so. The warnings only show up in dev/test mode, not in production, right?

Fernando tells me that we shouldn't merge this without confirming with him first, as he's doing some work on Jenkins to be able to support the newer ruby.

It doesn't seem like this depends on 2.5 so it should work anyway -- but whatever is easier for Fernando sounds good to me.

#27 - 06/05/2019 02:51 PM - Lucas Di Pentima

- Target version changed from 2019-06-05 Sprint to 2019-06-19 Sprint

#28 - 06/10/2019 02:14 PM - Ward Vandewege

- Release set to 22

#29 - 06/17/2019 01:35 PM - Lucas Di Pentima

- Blocked by deleted (Story #14989: [SSO] Upgrade to Rails 5)

#30 - 06/17/2019 01:35 PM - Lucas Di Pentima

- Related to Story #14989: [SSO] Upgrade to Rails 5 added

#31 - 06/17/2019 01:36 PM - Lucas Di Pentima

- Status changed from In Progress to Resolved