Redmine - Defect #25241

rake LoadError: cannot load such file -- json

2017-03-02 07:47 - ChunChang (Nagaharu) Lo

Status:	Closed	**Start date:**	
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	0%
Category:		**Estimated time:**	0.00 hour
Target version:			
Resolution:	Invalid	**Affected version:**	

Description

Hello,

After upgrading to Redmine 3.3.2.devel.16332, my installation can't run any 'bundle exec rake' command successfully.
I've to add 'gem "json"' to Gemfile in order to get 'bunble exec rake' command ran.
Is this a bug? or Is there anything wrong with my installation?

History

#1 - 2017-03-02 16:38 - Toshi MARUYAMA

- Status changed from New to Needs feedback

Please describe more details about your environment. Ref: submissions.

#2 - 2017-03-03 02:38 - ChunChang (Nagaharu) Lo

- output of `ruby bin/about`

```
Environment:
  Redmine version                3.3.2.devel.16343
  Ruby version                   2.0.0-p648 (2015-12-16) [x86_64-linux]
  Rails version                  4.2.8
  Environment                    production
  Database adapter               Mysql2
SCM:
  Subversion                     1.7.14
  Git                            1.8.3.1
  Filesystem
Redmine plugins:
  no plugin installed
```

  - OS: CentOS 7.3

#3 - 2017-03-28 15:49 - Toshi MARUYAMA

I cannot reproduce.
activesupport 4.2.7.1 requires json gem.
https://github.com/rails/rails/blob/v4.2.7.1/activesupport/activesupport.gemspec#L24

#4 - 2017-03-28 15:52 - Toshi MARUYAMA

Toshi MARUYAMA wrote:

> activesupport 4.2.7.1 requires json gem.
> https://github.com/rails/rails/blob/v4.2.7.1/activesupport/activesupport.gemspec#L24

This json gem requiring is removed in activesupport 4.2.8.
https://github.com/rails/rails/commit/89a532dfaf5910891ea3acd77d36fbaa4cb8fd0b

#5 - 2017-04-08 17:47 - ChunChang (Nagaharu) Lo

The error message is:

```
rake aborted!
LoadError: cannot load such file -- json
/usr/local/share/gems/gems/activesupport-4.2.8/lib/active_support/core_ext/object/json.rb:2:in `require'
/usr/local/share/gems/gems/activesupport-4.2.8/lib/active_support/core_ext/object/json.rb:2:in `<top (required
)>'
/usr/local/share/gems/gems/activesupport-4.2.8/lib/active_support/core_ext/object.rb:12:in `require'
/usr/local/share/gems/gems/activesupport-4.2.8/lib/active_support/core_ext/object.rb:12:in `<top (required)>'
/usr/local/share/gems/gems/railties-4.2.8/lib/rails/configuration.rb:2:in `require'
/usr/local/share/gems/gems/railties-4.2.8/lib/rails/configuration.rb:2:in `<top (required)>'
/usr/local/share/gems/gems/railties-4.2.8/lib/rails/railtie.rb:2:in `require'
/usr/local/share/gems/gems/railties-4.2.8/lib/rails/railtie.rb:2:in `<top (required)>'
/usr/local/share/gems/gems/railties-4.2.8/lib/rails/engine.rb:1:in `require'
/usr/local/share/gems/gems/railties-4.2.8/lib/rails/engine.rb:1:in `<top (required)>'
/usr/local/share/gems/gems/railties-4.2.8/lib/rails/application.rb:7:in `require'
/usr/local/share/gems/gems/railties-4.2.8/lib/rails/application.rb:7:in `<top (required)>'
/usr/local/share/gems/gems/railties-4.2.8/lib/rails.rb:11:in `require'
/usr/local/share/gems/gems/railties-4.2.8/lib/rails.rb:11:in `<top (required)>'
/usr/local/share/gems/gems/railties-4.2.8/lib/rails/all.rb:1:in `require'
/usr/local/share/gems/gems/railties-4.2.8/lib/rails/all.rb:1:in `<top (required)>'
/var/www/html/redmine/config/application.rb:3:in `require'
/var/www/html/redmine/config/application.rb:3:in `<top (required)>'
/var/www/html/redmine/Rakefile:5:in `require'
/var/www/html/redmine/Rakefile:5:in `<top (required)>'
/usr/local/share/gems/gems/rake-12.0.0/exe/rake:27:in `<top (required)>'
/usr/local/share/gems/gems/bundler-1.14.5/lib/bundler/cli/exec.rb:74:in `load'
/usr/local/share/gems/gems/bundler-1.14.5/lib/bundler/cli/exec.rb:74:in `kernel_load'
/usr/local/share/gems/gems/bundler-1.14.5/lib/bundler/cli/exec.rb:27:in `run'
/usr/local/share/gems/gems/bundler-1.14.5/lib/bundler/cli.rb:335:in `exec'
/usr/local/share/gems/gems/bundler-1.14.5/lib/bundler/vendor/thor/lib/thor/command.rb:27:in `run'
/usr/local/share/gems/gems/bundler-1.14.5/lib/bundler/vendor/thor/lib/thor/invocation.rb:126:in `invoke_comman
d'
/usr/local/share/gems/gems/bundler-1.14.5/lib/bundler/vendor/thor/lib/thor.rb:359:in `dispatch'
/usr/local/share/gems/gems/bundler-1.14.5/lib/bundler/cli.rb:20:in `dispatch'
/usr/local/share/gems/gems/bundler-1.14.5/lib/bundler/vendor/thor/lib/thor/base.rb:440:in `start'
/usr/local/share/gems/gems/bundler-1.14.5/lib/bundler/cli.rb:11:in `start'
/usr/local/share/gems/gems/bundler-1.14.5/exe/bundle:32:in `block in <top (required)>'
/usr/local/share/gems/gems/bundler-1.14.5/lib/bundler/friendly_errors.rb:121:in `with_friendly_errors'
/usr/local/share/gems/gems/bundler-1.14.5/exe/bundle:24:in `<top (required)>'
/usr/local/bin/bundle:22:in `load'
/usr/local/bin/bundle:22:in `<main>'
(See full trace by running task with --trace)
```

I have to add
gem "json"
before
gem "rails", "4.2.8"
to make it work again.

#6 - 2017-04-10 13:37 - Holger Just

Ruby since version 1.9.2 ships with a version of the json gem in its standard library. As such, it shouldn't be necessary to explicitly load an external JSON gem just for the functionality (there are other reasons why this still might be a good idea sometimes)

That said, some Ruby packagers (including CentOS), apparently decided to slim down their packaged Rubies to not ship the full standard library. In this case, it might be necessary to install additional packages to get the complete standard library. As such, check with your package manager how to get a complete standard library. If this is not available, you might also chose to open a bug on your Distribution's bug tracking system.

Alternatively, you could also chose to install Ruby using a ruby version manager such as RVM, rbenv, or similar, to install a complete Ruby package independent from your operating system.

#7 - 2017-07-31 08:03 - ChunChang (Nagaharu) Lo

This issue should be closed. After upgrading to newer ruby with rvm, the error no longer exists.
Thanks a lot.

#8 - 2017-08-23 07:18 - Toshi MARUYAMA

- Status changed from Needs feedback to Closed

- Resolution set to Invalid

Thank you for your feedback.