

## Ruby - Bug #11041

### Rake test task fails with LoadError when using Ruby version 2.2.1 [Mac OSX10.9]

04/07/2015 02:11 PM - TheNephilim (Paul Yeboah)

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Target version:</b>		
<b>ruby -v:</b>	2.1.1p76 (2014-02-24 revision 45161) [x86_64-darwin12.0]	<b>Backport:</b> 2.0.0: UNKNOWN, 2.1: UNKNOWN, 2.2: UNKNOWN

#### Description

I have just started to use RVM and have installed ruby version 2.2.1. I have a test project whose Rake test task that I was successfully executing tests with the system version (2.0.0). When I then switch to 2.2.1 via RVM, the rake\_test\_loader fails with a LoadError.

Initially, I thought there were 3 possible problems that cause this issue:

1. different version of Ruby in use
2. RVM environment is causing a problem
3. there is a problem with RVM and Rake

However, I have managed to rule out 2 and 3 (if I use the previous stable version of Ruby, v2.1.5 as listed on the ruby site, then the problem goes away).

I raised a stackoverflow question about this to see if anyone knows about this, but so far no luck; see the following link:

<http://stackoverflow.com/questions/29490409/why-does-rake-test-loader-rb-fail-loaderror-when-tests-run-in-rake-under-rvm-r>

My test project is structured as a standard Ruby gem and the Rake file with which a launch the rake test task is:

```
`($LOAD_PATH << File.expand_path("../lib", FILE)).uniq!
```

```
require 'rake/testtask'  
require 'rdoc/task'  
require 'rubygems/package_task'
```

```
Rake::TestTask.new('test') do |t|  
  t.pattern = 'test/**/*tests.rb'  
  t.warning = true  
end
```

```
task "default" => ["test"]`
```

I displayed the \$LOAD\_PATH when the tests are run under system ruby version 2.0.0 and RVM ruby version 2.2.1

\$LOAD\_PATH when tests fail under RVM ruby version 2.2.1:

```
"/Users/Sancho/.rvm/rubies/ruby-2.2.1/lib/ruby/site_ruby/2.2.0",  
"/Users/Sancho/.rvm/rubies/ruby-2.2.1/lib/ruby/site_ruby/2.2.0/x86_64-darwin14",  
"/Users/Sancho/.rvm/rubies/ruby-2.2.1/lib/ruby/site_ruby",  
"/Users/Sancho/.rvm/rubies/ruby-2.2.1/lib/ruby/vendor_ruby/2.2.0",  
"/Users/Sancho/.rvm/rubies/ruby-2.2.1/lib/ruby/vendor_ruby/2.2.0/x86_64-darwin14",  
"/Users/Sancho/.rvm/rubies/ruby-2.2.1/lib/ruby/vendor_ruby",  
"/Users/Sancho/.rvm/rubies/ruby-2.2.1/lib/ruby/2.2.0",  
"/Users/Sancho/.rvm/rubies/ruby-2.2.1/lib/ruby/2.2.0/x86_64-darwin14",  
"/Users/Sancho/dev/git/joy/lib"
```

\$LOAD\_PATH when tests pass under 2.0.0:

```
"/Library/Ruby/Site/2.0.0",  
"/Library/Ruby/Site/2.0.0/x86_64-darwin13",  
"/Library/Ruby/Site/2.0.0/universal-darwin13",  
"/Library/Ruby/Site",
```

```
"/System/Library/Frameworks/Ruby.framework/Versions/2.0/usr/lib/ruby/vendor_ruby/2.0.0",  
"/System/Library/Frameworks/Ruby.framework/Versions/2.0/usr/lib/ruby/vendor_ruby/2.0.0/x86_64-darwin13",  
"/System/Library/Frameworks/Ruby.framework/Versions/2.0/usr/lib/ruby/vendor_ruby/2.0.0/universal-darwin13",  
"/System/Library/Frameworks/Ruby.framework/Versions/2.0/usr/lib/ruby/vendor_ruby",  
"/System/Library/Frameworks/Ruby.framework/Versions/2.0/usr/lib/ruby/2.0.0",  
"/System/Library/Frameworks/Ruby.framework/Versions/2.0/usr/lib/ruby/2.0.0/x86_64-darwin13",  
"/System/Library/Frameworks/Ruby.framework/Versions/2.0/usr/lib/ruby/2.0.0/universal-darwin13",  
"/Users/Sancho/dev/git/joy/lib"
```

The root of the project is /Users/Sancho/dev/git/joy/

Tests are located at /Users/Sancho/dev/git/joy/test/.../\*\_tests.rb

Code under test located at /Users/Sancho/dev/git/joy/lib/joy/.../\*.rb

I've tested the same project against various versions of ruby (2.0.0, 2.1.1, 2.1.5) and the only version that has a problem is version 2.2.1.

Please let me know if I can provide you with more information, thanks.

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## History

### #1 - 04/07/2015 02:15 PM - TheNephilim (Paul Yeboah)

NB: The ruby version listed as ruby -v is incorrect. The correct value should be:  
ruby 2.2.1p85 (2015-02-26 revision 49769) [x86\_64-darwin14]

### #2 - 07/23/2019 05:08 PM - jeremyevans0 (Jeremy Evans)

- Status changed from Open to Closed