

Ruby - Bug #3677

unable to run certain gem binaries' in windows 7

08/11/2010 03:05 AM - rogerdpack (Roger Pack)

Status:	Closed	Backport:
Priority:	Normal	
Assignee:	nobu (Nobuyoshi Nakada)	
Target version:		
ruby -v:	ruby 1.9.3dev (2010-07-22 trunk 28717) [i386-mingw32]	
Description		
<pre>=begin Currently: C:\installs\ruby_trunk_installed\bin>rake -T C:/installs/ruby_trunk_installed/lib/ruby/1.9.1/rubygems.rb:340:in bin_path': can't find executable rake for rake-0.8.7 (Gem::Exception) from C:/installs/ruby_trunk_installed/bin/rake:19:in ' The problem seems to not have existed with 1.9.2 preview 3. Also doesn't seem to be a problem on XP, which is rather odd. The problem exists on 1.9.2 RC1, and on trunk (as noted here). Thanks. -r =end</pre>		

History

#1 - 08/11/2010 04:36 AM - luislavena (Luis Lavena)

=begin
I can't reproduce:

C:\Users\Luis\Projects\oss\oci\rubyinstaller\sandbox\ruby19_mingw>ruby -v
ruby 1.9.3dev (2010-08-10 trunk 28955) [i386-mingw32]

C:\Users\Luis\Projects\oss\oci\rubyinstaller\sandbox\ruby19_mingw>gem list -d

*** LOCAL GEMS ***

minitest (1.6.0)
Author:
Installed at: C:/Users/Luis/Projects/oss/oci/rubyinstaller/sandbox/ruby19_mingw/lib/ruby/gems/1.9.1

This minitest is bundled with Ruby

rake (0.8.7)
Author:
Installed at: C:/Users/Luis/Projects/oss/oci/rubyinstaller/sandbox/ruby19_mingw/lib/ruby/gems/1.9.1

This rake is bundled with Ruby

rdoc (2.5.8)
Author:
Installed at: C:/Users/Luis/Projects/oss/oci/rubyinstaller/sandbox/ruby19_mingw/lib/ruby/gems/1.9.1

This rdoc is bundled with Ruby

C:\Users\Luis\Projects\oss\oci\rubyinstaller\sandbox\ruby19_mingw>rake --version
rake, version 0.8.7

===

Looking into bin/rake I see is not the gem based stub, but is the bin/rake found inside the gem.

After doing "gem install rake":

C:\Users\Luis\Projects\oss\oci\rubyinstaller\sandbox\ruby19_mingw>rake --version

```
C:/Users/Luis/Projects/oss/oci/rubyinstaller/sandbox/ruby19_mingw/lib/ruby/1.9.1/rubygems.rb:340:in bin_path': can't find executable rake for rake-0.8.7 (Gem::Exception) from C:/Users/Luis/Projects/oss/oci/rubyinstaller/sandbox/ruby19_mingw/bin/rake:19:in '
```

So the issue is not that, but that the gem_prelude is not loaded properly?

This happens with trunk and with 1.9.2 branch.
=end

#2 - 08/11/2010 04:59 AM - rogerdpack (Roger Pack)

- Status changed from Open to Rejected

```
=begin
Good catch. It only occurs after doing a "gem install rake"
and it appears that it is also reproducible on XP, once you do that.
=end
```

#3 - 08/11/2010 04:59 AM - rogerdpack (Roger Pack)

- Status changed from Rejected to Open

```
=begin
oops rejected in error...
=end
```

#4 - 08/11/2010 09:51 AM - luislavena (Luis Lavena)

```
=begin
On Tue, Aug 10, 2010 at 5:04 PM, Roger Pack rogerdpack2@gmail.com wrote:
```

Good catch. It only occurs after doing a "gem install rake"
and it appears that it is also reproducible on XP, once you do that.

Also able to reproduce it in Linux:

```
$ ./ruby -S rake -T
/home/rdp/installs/ruby_trunk_installed/lib/ruby/1.9.1/rubygems.rb:340:in
bin_path': can't find executable rake for rake-0.8.7 (Gem::Exception)    from /home/rdp/installs/ruby-1.9.1-p376_installed/bin/rake:19:in '
$ ./ruby -v
ruby 1.9.3dev (2010-08-10 trunk 28955) [i686-linux]
```

Installing the gem outside Ruby (using GEM_HOME and GEM_PATH) do not
generate the issue.

```
C:\Users\Luis\Projects\oss\oci\rubyinstaller>gem env paths
C:/Users/Luis/.gem/ruby/1.9.1;C:/Users/Luis/Tools/Ruby/ruby-1.9.2-p0-i386-mingw32/lib/ruby/gems/1.9.1
```

```
C:\Users\Luis\Projects\oss\oci\rubyinstaller>gem list rake -d
```

*** LOCAL GEMS ***

```
rake (0.8.7)
Author:
Installed at:
C:/Users/Luis/Tools/Ruby/ruby-1.9.2-p0-i386-mingw32/lib/ruby/gems/1.9.1
```

This rake is bundled with Ruby

```
C:\Users\Luis\Projects\oss\oci\rubyinstaller>rake --version
C:/Users/Luis/Tools/Ruby/ruby-1.9.2-p0-i386-mingw32/lib/ruby/1.9.1/rubygems.rb:340:in
bin_path': can't find executable rake for rake-0.8.7 (Gem::Exception) from C:/Users/Luis/.gem/ruby/x86-mingw32/1.9.1/bin/rake:19:in '
```

```
C:\Users\Luis\Projects\oss\oci\rubyinstaller>set GEM
GEM_HOME=C:\Users\Luis.gem\ruby\x86-mingw32\1.9.1
GEM_PATH=C:\Users\Luis.gem\ruby\x86-mingw32\1.9.1
```

```
C:\Users\Luis\Projects\oss\oci\rubyinstaller>gem env paths
C:/Users/Luis/.gem/ruby/x86-mingw32/1.9.1
```

```
C:\Users\Luis\Projects\oss\oci\rubyinstaller>gem list rake -d
```

*** LOCAL GEMS ***

rake (0.8.7)
Author: Jim Weirich
Rubyforge: <http://rubyforge.org/projects/rake>
Homepage: <http://rake.rubyforge.org>
Installed at: C:/Users/Luis/.gem/ruby/x86-mingw32/1.9.1

Ruby based make-like utility.

C:\Users\Luis\Projects\loss\oci\rubyinstaller>rake --version
rake, version 0.8.7

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Luis Lavena AREA 17

Perfection in design is achieved not when there is nothing more to add,
but rather when there is nothing more to take away.
Antoine de Saint-Exupéry

=end

#5 - 08/12/2010 05:56 AM - rogerdpack (Roger Pack)

=begin
Appears that deleting your installation's "rake.gemspec" file is enough.

<http://gist.github.com/519744>

Perhaps rubygems doesn't know how to remove the previous version .gemspec file, since it lacks any version info?

-r
=end

#6 - 08/13/2010 12:12 AM - luislavena (Luis Lavena)

=begin
Hello,

Bosko (one of RubyInstaller contributors) shed some light on this issue in our group:

<http://groups.google.com/group/rubyinstaller/msg/249a08a3f635bf72>

Going to quote it here:

"Problem is that during installation in rbinstall.rb line 516 default .gemspec files are created for rake, rdoc and minitest. These files are saved by default in lib/ruby/gems/1.9.1/specifications. If everything is left by default other gems will be installed there too (that's why this problem can occur on Linux too). Since these specifications do not contain default _executable and executables sections invoking them results in error. If rvm is used on Linux error will not occur because gems will be installed in different folder and load path is set to that folder and rake.gemspec and rake-0.8.7.gemspec will not both be loaded. Later one has correct sections for default _executable and executables thus everything will work correctly.

Unfortunately in our RubyInstaller both of these files will be in the same directory and that's the reason why reinstalling rake doesn't help unless rake.gemspec is deleted since this specification is loaded after rake-0.8.7.gemspec and overrides it. I'm not sure what would be the best approach to fix this problem. Either not to bundle rake with Ruby or to create correct .gemspec file. We can also set different installation directory too like rvm does."

I believe this is important to be fixed before 1.9.2 release gets out. Not all the users will be using RVM to manage their Ruby installations.

=end

#7 - 08/27/2010 01:14 PM - shyouhei (Shyouhei Urabe)

- Status changed from Open to Assigned
- Assignee set to nobu (Nobuyoshi Nakada)
- Priority changed from Normal to 3

=begin

=end

#8 - 10/11/2010 11:55 PM - luislavena (Luis Lavena)

=begin

Hello,

A patch has been provided in [#3805](#):

<http://redmine.ruby-lang.org/issues/show/3805>

Also has been applied in r29200

=end

#9 - 11/02/2010 12:12 AM - rogerdpack (Roger Pack)

- *Status changed from Assigned to Closed*

=begin

thanks seems fixed now (along with all its other dupes...)

=end