

Ruby master - Bug #5264

Commit 33157

09/02/2011 07:15 AM - cfis (Charlie Savage)

Status:	Closed	
Priority:	Normal	
Assignee:		
Target version:	1.9.3	
ruby -v:	r33157	Backport:
Description		
It appears this commit: https://github.com/ruby/ruby/commit/43284b6bf8324a762808537d5cd2c0774b662a84		
Breaks our test suite, with this error from the redis namespace gem. Here is a traceback from our Rails app:		
Namespace is not a module /usr/lib/ruby/gems/1.9.1/bundler/gems/redis-store-b70b9326d083/lib/redis/store/namespace.rb:3:in <class:Store> /usr/lib/ruby/gems/1.9.1/bundler/gems/redis-store-b70b9326d083/lib/redis/store/namespace.rb:2:in <class:Redis> /usr/lib/ruby/gems/1.9.1/bundler/gems/redis-store-b70b9326d083/lib/redis/store/namespace.rb:1:in <top (required)> /usr/lib/ruby/gems/1.9.1/gems/activesupport-3.1.0/lib/active_support/dependencies.rb:240:in require' /usr/lib/ruby/gems/1.9.1/gems/activesupport-3.1.0/lib/active_support/dependencies.rb:240:in block in require' /usr/lib/ruby/gems/1.9.1/gems/activesupport-3.1.0/lib/active_support/dependencies.rb:223:in block in load_dependency' /usr/lib/ruby/gems/1.9.1/gems/activesupport-3.1.0/lib/active_support/dependencies.rb:640:in new_constants_in' /usr/lib/ruby/gems/1.9.1/gems/activesupport-3.1.0/lib/active_support/dependencies.rb:223:in load_dependency' /usr/lib/ruby/gems/1.9.1/gems/activesupport-3.1.0/lib/active_support/dependencies.rb:240:in require' /usr/lib/ruby/gems/1.9.1/bundler/gems/redis-store-b70b9326d083/lib/redis-store.rb:6:in'		
Line 6 in redis-store.rb is:		
require "redis/store/namespace"		
And then the top of namespace looks like this:		
class Redis class Store < self module Namespace		
Not sure if this is an intentional change or not, but a heads up its breaks the gem.		
Thanks - Charlie		
Note the ruby -v version attached to the ticket isn't the one I used for testing.		
Related issues:		
Related to Ruby master - Bug #3423: Inconsistent behaviour of Module#const_ge...	Closed	06/11/2010

Associated revisions

Revision 7dddaf68 - 09/02/2011 05:36 AM - nobu (Nobuyoshi Nakada)

- vm_inshelper.c (vm_search_const_defined_class): search ancestors only when global scope. [ruby-core:39227] [Bug #5264]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@33163 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision c526a584 - 09/02/2011 05:36 AM - nobu (Nobuyoshi Nakada)

- vm_inshelper.c (vm_search_const_defined_class): search ancestors only when global scope. [ruby-core:39227] [Bug #5264]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_1_9_3@33163 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 33163 - 09/02/2011 05:36 AM - nobu (Nobuyoshi Nakada)

- `vm_inshelper.c (vm_search_const_defined_class)`: search ancestors only when global scope. [ruby-core:39227] [Bug #5264]

Revision 33163 - 09/02/2011 05:36 AM - nobu (Nobuyoshi Nakada)

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History

#1 - 09/02/2011 10:05 AM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Feedback

- ruby -v changed from ruby 1.9.4dev (2011-09-01 trunk 33153) [x86_64-linux] to r33157

Simplified code doesn't reproduce it.

```
class Redis; class Store < self; module Namespace; end; end; end
```

Is "Namespace" constant defined elsewhere at that point?

#2 - 09/02/2011 01:16 PM - cfis (Charlie Savage)

Ok, can reproduce like this:

```
require 'rubygems'  
require 'redis-namespace'  
require 'redis-store'
```

Which when you go look at the gems source ends up like this:

from redis-namespace (lib/redis/namespace.rb)

```
class Redis  
class Namespace  
end  
end
```

from redis-store (lib/redis/store/namespace.rb)

```
class Redis  
class Store < self  
module Namespace  
end  
end  
end
```

I can see why Ruby is complaining, but this code works on 1.8.7 and did work on 1.9.3 until commit 33157.

#3 - 09/02/2011 02:36 PM - nobu (Nobuyoshi Nakada)

- Status changed from Feedback to Closed

- % Done changed from 0 to 100

This issue was solved with changeset r33163.
Charlie, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

- `vm_inshelper.c (vm_search_const_defined_class)`: search ancestors only when global scope. [ruby-core:39227] [Bug [#5264](#)]