

## Backport191 - Bug #3561

### ruby-1.9.3-r28570 test/unit gem activation failure

07/13/2010 12:53 AM - rubys (Sam Ruby)

<b>Status:</b>	Open
<b>Priority:</b>	Normal
<b>Assignee:</b>	
<b>Target version:</b>	
<b>ruby -v:</b>	ruby 1.9.3dev (2010-07-07 trunk 28570) [x86_64-linux]
<b>Description</b>	
=begin Testcase:  require 'rubygems' require 'test/unit' require 'test/unit/ui/console/testrunner'	
This worked prior to <a href="http://svn.ruby-lang.org/cgi-bin/viewvc.cgi?view=rev&amp;revision=28570">http://svn.ruby-lang.org/cgi-bin/viewvc.cgi?view=rev&amp;revision=28570</a>	
Starting with r28570, it produces:	
<pre>/home/rubys/.rvm/gems/ruby-1.9.3-r28570/gems/test-unit-2.0.9/lib/test/unit/ui/console/testrunner.rb:331:in &lt;module:Console&gt;: uninitialized constant Test::Unit::UI::Console::Diff (NameError) from /home/rubys/.rvm/gems/ruby-1.9.3-r28570/gems/test-unit-2.0.9/lib/test/unit/ui/console/testrunner.rb:17:in <u>module:UI</u>' from /home/rubys/.rvm/gems/ruby-1.9.3-r28570/gems/test-unit-2.0.9/lib/test/unit/ui/console/testrunner.rb:16:in &lt;module:Unit&gt;' from /home/rubys/.rvm/gems/ruby-1.9.3-r28570/gems/test-unit-2.0.9/lib/test/unit/ui/console/testrunner.rb:15:in <u>module:Test</u>' from /home/rubys/.rvm/gems/ruby-1.9.3-r28570/gems/test-unit-2.0.9/lib/test/unit/ui/console/testrunner.rb:14:in &lt;top (required)&gt;' from /home/rubys/.rvm/rubies/ruby-1.9.3-r28570/lib/ruby/1.9.1/rubygems/custom_require.rb:36:in require' from /home/rubys/.rvm/rubies/ruby-1.9.3-r28570/lib/ruby/1.9.1/rubygems/custom_require.rb:36:in rescue in require' from /home/rubys/.rvm/rubies/ruby-1.9.3-r28570/lib/ruby/1.9.1/rubygems/custom_require.rb:31:in require' from test0.rb:3:in `<u>`' =end</u></pre>	

#### History

##### #1 - 07/13/2010 06:06 AM - tenderlovmaking (Aaron Patterson)

```
=begin  
I don't believe this is a bug.
```

The problem is that gem prelude prefers files installed as gems over files from stdlib. That behavior is opposite of rubygems.

The code you've listed works in 1.8.\* because test/unit and the testrunner ship with 1.8.

The code you've listed works in 1.9.1 because gem prelude behaves opposite to rubygems. In 1.9, you must install the 'test-unit' gem, and since gem prelude prefers gem files over stdlib files, your require succeeds.

Evan has restored rubygems to work "how it's supposed to work", so I believe this isn't a bug. Instead, you should write your code like so:

```
require 'rubygems'  
gem 'test-unit'  
require 'test/unit'  
require 'test/unit/ui/console/testrunner'  
  
=end
```

##### #2 - 07/13/2010 06:08 AM - drbrain (Eric Hodel)

```
=begin  
Yes, whenever you use a gem that replaces stdlib functionality you should use #gem before #require.  
=end
```