

## Ruby trunk - Bug #4178

### test/rubygems/gemutilities.rb ArgumentError

12/21/2010 08:39 AM - metanest (Makoto Kishimoto)

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Target version:</b>	
<b>ruby -v:</b> ruby 1.9.3dev (2010-12-21 trunk 30285) [x86_64-freebsd8.2]	<b>Backport:</b>

#### Description

```
=begin
bisect trunk r29064 test-all
http://mrkn.jp/chkbuild/ruby-trunk/log/20100925T163004Z.diff.html.gz
) Error:
+test_install_ignore_dependencies(TestGemDependencyInstaller):
+ArgumentError: wrong number of arguments (0 for 1)

• /Users/chkbuild/build/ruby-trunk/ruby/test/rubygems/gemutilities.rb:276:in `block (2 levels) in util_build_gem'
• /Users/chkbuild/build/ruby-trunk/ruby/test/rubygems/gemutilities.rb:275:in `block in util_build_gem'
• /Users/chkbuild/build/ruby-trunk/ruby/test/rubygems/gemutilities.rb:268:in `chdir'
• /Users/chkbuild/build/ruby-trunk/ruby/test/rubygems/gemutilities.rb:268:in `util_build_gem'
• /Users/chkbuild/build/ruby-trunk/ruby/test/rubygems/gemutilities.rb:293:in `util_gem'
• /Users/chkbuild/build/ruby-trunk/ruby/test/rubygems/test_gem_dependency_installer.rb:50:in `setup'
• ./test/runner.rb:17:in `': test/rubygems/gemutilities.rb ArgumentError TESTS --gc-stress
100%
```

```
require_relative "test/rubygems/gemutilities"
class TestHoge < RubyGemTestCase
  def setup
    super
    GC.stress = true
    util_setup_fake_fetcher
  end

  def test_hoge
  end
end
=end
```

#### Related issues:

Related to Ruby trunk - Bug #3136: reuse of singleton method definition cause...	Closed	04/12/2010
Related to Ruby trunk - Bug #5762: Bug#4178 sparc Solaris 10 + Oracle Solar...	Closed	12/15/2011

#### Associated revisions

##### Revision 8457bea9 - 12/18/2011 09:58 AM - ngoto (Naohisa Goto)

- vm.c (vm\_define\_method): improve guard of iseq from GC. Fix failure or segmentation fault in test\_singleton\_method(TestGc) on sparc Solaris10 compiled with Oracle Solaris Studio 12.2. [Bug #5762] [ruby-dev:45000] [Bug #4178]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@34071 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

##### Revision 34071 - 12/18/2011 09:58 AM - ngoto (Naohisa Goto)

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**History**

**#1 - 12/27/2010 12:01 PM - metanest (Makoto Kishimoto)**

```
=begin
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

require "rubygems/package.rb"

open("/dev/null", "wb"){|io|
  Gem::Package::TarOutput.open(io){
    GC.stress = true
    Gem::Package::TarOutput.open(io){
    }
  }

  XXX ruby 1.9 trunk XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

  /usr/local/lib/ruby/1.9.1/rubygems/package/tar_output.rb:70:in metadata=: wrong number of arguments (0 for 1) (ArgumentError)
  from /usr/local/lib/ruby/1.9.1/rubygems/package/tar_output.rb:75:inblock (3 levels) in add_gem_contents'
  from /usr/local/lib/ruby/1.9.1/rubygems/package/tar_writer.rb:83:in new'
  from /usr/local/lib/ruby/1.9.1/rubygems/package/tar_output.rb:67:inblock (2 levels) in add_gem_contents'
  from /usr/local/lib/ruby/1.9.1/rubygems/package/tar_output.rb:65:in wrap'
  from /usr/local/lib/ruby/1.9.1/rubygems/package/tar_output.rb:65:inblock in add_gem_contents'
  from /usr/local/lib/ruby/1.9.1/rubygems/package/tar_writer.rb:113:in add_file'
  from /usr/local/lib/ruby/1.9.1/rubygems/package/tar_output.rb:63:inadd_gem_contents'
  from /usr/local/lib/ruby/1.9.1/rubygems/package/tar_output.rb:31:in open'
  from foo.rb:6:inblock in '
  from foo.rb:3:in open'
  from foo.rb:3:in'

  tar_output.rb 75 XXXXXXXXXXXX reader  "metadata" XXXXXXXXXXXXXXXX
  XXXXXXXXXXXXXXXX writer  "metadata=" XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
=end
```

**#2 - 12/29/2010 12:29 AM - wanabe (\_ wanabe)**

```
=begin
miniruby XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
:foo 5 XXXXXXXXXXXXXXXXXXXXXXX:foo 2 XXXXXXXXXXXXXXX :bar  :foo XXXXXXXXXXXXXXXXXXXXXXX

5.times do
  GC.stress = !GC.stress
  obj = Object.new
  def obj.foo() p :foo end
  def obj.bar() p :bar end
  obj.foo
end

r29063 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXX i386-mingw32 XXX i686-linux XXXXXXXX x64-mingw64 XXXXXXXXXXXXXXX
XXX 64-bit XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
=end
```

**#3 - 12/29/2010 07:31 PM - wanabe (\_ wanabe)**

```
=begin
rb_iseq_clone rb_iseqval GC
diff --git a/vm.c b/vm.c
index 015456b..4a80f5d 100644
--- a/vm.c
+++ b/vm.c
@@ -1838,6 +1838,7 @@ vm_define_method(rb_thread_t *th, VALUE obj, ID id, VALUE iseqval,

  if (miseq->klass) {
    iseqval = rb_iseq_clone(iseqval, 0);

    • RB_GC_GUARD(iseqval);  GetlSeqPtr(iseqval, miseq); }
=end
```

**#4 - 12/29/2010 09:18 PM - metanest (Makoto Kishimoto)**

```
=begin
make test-all TESTS='--gc-stress -v rubygems'
On Wed, 29 Dec 2010 19:31:05 +0900
_wanabe redmine@ruby-lang.org wrote:

  #4178 (by _ wanabe)

  rb_iseq_clone rb_iseqval GC
  diff --git a/vm.c b/vm.c
  index 015456b..4a80f5d 100644
  --- a/vm.c
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  @@ -1838,6 +1838,7 @@ vm_define_method(rb_thread_t *th, VALUE obj, ID id, VALUE iseqval,

  if (miseq->klass) {
    iseqval = rb_iseq_clone(iseqval, 0);

    • RB_GC_GUARD(iseqval);  GetlSeqPtr(iseqval, miseq); }

```

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<http://redmine.ruby-lang.org/issues/show/4178>

=end

**#5 - 12/30/2010 11:27 PM - wanabe (\_ wanabe)**

- Status changed from Open to Closed  
- % Done changed from 0 to 100

```
=begin
This issue was solved with changeset r30432.
Makoto, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.
=end
```