Ruby master - Bug #3080

class_variable_set issue with duped Module

04/02/2010 08:15 PM - dolzenko (Evgeniy Dolzhenko)

Status: Closed
Priority: Normal
Assignee: nobu (Nobuyoshi Nakada)
Target version: 2.0.0
ruby -v: ruby 1.9.2dev (2010-04-02 trunk 27162) [i686-linux]

Description

Below is the test case which is failing for me on ruby 1.9.2dev (2010-04-02 trunk 27162) [i686-linux] but works on ruby 1.8.7 (2009-12-24 patchlevel 248) [i686-linux]:

```ruby
module Original
  @@cvar = nil

  def self.module_get_cvar
    @@cvar
  end

  def function_get_cvar
    @@cvar
  end
end

Duped = Original.dup

Original.send(:class_variable_set, :@@cvar, "cvar in Original")
Duped.send(:class_variable_set, :@@cvar, "cvar in Duped")

class IncludesOriginal
  include Original
end

class IncludesDuped
  include Duped
end

puts IncludesOriginal.new.function_get_cvar #=> cvar in Original
puts IncludesDuped.new.function_get_cvar #=> cvar in Duped

puts Original.module_get_cvar #=> cvar in Original

puts Duped.module_get_cvar #=> 19_duped_module_class_variable_set_bug.rb:3: warning: class variable access from toplevel
# 19_duped_module_class_variable_set_bug.rb:3:in get_cvar': uninitialized class variable @@cvar in Object (NameError)
#          from 19_duped_module_class_variable_set_bug.rb:13:
```

Related issues:

Related to Ruby master - Bug #3136: reuse of singleton method definition caus...
Closed 04/12/2010

History

#1 - 05/28/2010 12:55 AM - mame (Yusuke Endoh)
  - Target version set to 2.0.0

=end
Hi,

This is similar issue to [ruby-core:30313].
This issue is caused by ISeq cref_stack instead of ISeq klass.
This won't be fixed in 1.9.2.

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Yusuke Endoh mame@tsq.ne.jp
=end

#2 - 06/26/2011 02:52 PM - naruse (Yui NARUSE)
- Status changed from Open to Assigned
- Assignee set to ko1 (Koichi Sasada)
- Target version changed from 2.0.0 to 1.9.3

#3 - 06/26/2011 07:31 PM - ko1 (Koichi Sasada)
- Target version changed from 1.9.3 to 2.0.0

Let's discuss after 1.9.3. Sorry.

#4 - 11/26/2012 09:05 AM - ko1 (Koichi Sasada)
- Assignee changed from ko1 (Koichi Sasada) to nobu (Nobuyoshi Nakada)

nobu, could you check it?

#5 - 12/28/2012 09:38 PM - nobu (Nobuyoshi Nakada)
- Status changed from Assigned to Closed