

Ruby - Bug #3406

attr_accessor creates a private writer method

06/08/2010 01:18 AM - vjoel (Joel VanderWerf)

Status:Closed Priority:Normal Assignee:matz (Yukihiro Matsumoto) Target version:2.0.0 ruby -v:ruby 1.9.2dev (2010-05-31) [x86_64-linux]	Backport:
Description =begin (Also, there is a warning that may be incorrect.) \$ cat t.rb module M private def attr_accessor(*args); super; end end class C extend M attr_accessor :x end C.new.x = 1 \$ ruby19 -v t.rb ruby 1.9.2dev (2010-05-31) [x86_64-linux] t.rb:3: warning: private attribute? t.rb:11:in <main>: private method x=' called for #<C:0x000000012e5670> (NoMethodError) =end	

History

#1 - 06/08/2010 04:52 AM - nobu (Nobuyoshi Nakada)

=begin
Hi,

At Tue, 8 Jun 2010 01:18:50 +0900,
Joel VanderWerf wrote in [\[ruby-core:30638\]](#):

Bug [#3406](#): attr_accessor creates a private writer method
\$ ruby19 -v t.rb
ruby 1.9.2dev (2010-05-31) [x86_64-linux]
t.rb:3: warning: private attribute?
t.rb:11:in <main>: private method x=' called for #<C:0x000000012e5670> (NoMethodError)

The cause is that executing cref is used, whereas class
definition cref should be used.

Doesn't seem to need the separate module.
Just a test case for the present.

diff --git a/test/ruby/test_module.rb b/test/ruby/test_module.rb
index c2084a2..8963b37 100644
--- a/test/ruby/test_module.rb
+++ b/test/ruby/test_module.rb
@@ -921,4 +921,17 @@ class TestModule < Test::Unit::TestCase
end
end
+
+
+• def test_attr_inherited_visibility

- c = Class.new do

- [REDACTED]

- [REDACTED]

- [REDACTED]

- [REDACTED]

- [REDACTED]

- end.new
- bug3406 = '[ruby-core:30638]'
- assert_nothing_raised(bug3406) {c.x = 1}
- assert_equal(1, c.x, bug3406)
- end
- end

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Nobu Nakada

=end

#2 - 06/28/2010 03:59 AM - mame (Yusuke Endoh)

- Target version changed from 1.9.2 to 2.0.0

=begin
Hi,

I really doubt whether or not this is a bug. Very clumsy semantics is required to "fix" this. At least, any change for this issue should not be included in 1.9.2.

What we really need is a general way for users to define attr_accessor-like method, I guess. IOW, we need a way to get a visibility of current caller context and to define a method with the visibility.

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Yusuke Endoh mame@tsg.ne.jp
=end

#3 - 10/19/2010 02:56 PM - mrkn (Kenta Murata)

- Assignee set to matz (Yukihiro Matsumoto)

=begin

=end

#4 - 10/24/2010 02:17 PM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Closed

- % Done changed from 0 to 100

=begin
This issue was solved with changeset r29578.
Joel, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

=end