

Ruby - Bug #616

instance_eval and Module#to_s

10/06/2008 07:21 PM - shyouhei (Shyouhei Urabe)

Status:	Closed	Backport:
Priority:	Normal	
Assignee:	ko1 (Koichi Sasada)	
Target version:	1.9.2	
ruby -v:	ruby 1.9.2dev (2009-10-19 trunk 25399) [x86_64-freebsd7.2]	
Description		
<pre>=begin 1.8 % for i in trunk branches/ruby_1_8; do ~/target/\$i/bin/ruby -ve 'instance_eval{p((C = Class.new).to_s)}'; done ruby 1.9.0 (2008-10-06 revision 17576) [x86_64-linux] "#Class:0x000000007c4c50" ruby 1.8.7 (2008-09-23 revision 17572) [x86_64-linux] "C" =end</pre>		
Related issues:		
Related to Ruby - Bug #1982: Kernel.load(..., true) --> scope problem		Closed 08/23/2009

History

#1 - 10/29/2008 01:16 PM - rogerdpack (Roger Pack)

```
=begin
which is the preferred way then? :)
=end
```

#2 - 10/29/2008 02:47 PM - shyouhei (Shyouhei Urabe)

```
=begin
The latter (1.8 behavior). That one-liner definitely assigns a Class.new to a constant C
(wherever that constant belongs to), so that assignment should take effect I think.
=end
```

#3 - 12/11/2008 12:38 PM - yugui (Yuki Sonoda)

- Target version set to 1.9.1 Release Candidate

```
=begin
=end
```

#4 - 12/20/2008 09:41 PM - yugui (Yuki Sonoda)

- Assignee changed from matz (Yukihiro Matsumoto) to ko1 (Koichi Sasada)

```
=begin
=end
```

#5 - 12/21/2008 12:10 AM - yugui (Yuki Sonoda)

- Due date set to 12/24/2008

```
=begin
=end
```

#6 - 12/22/2008 10:40 AM - yugui (Yuki Sonoda)

- Assignee changed from ko1 (Koichi Sasada) to yugui (Yuki Sonoda)

=begin

=end

#7 - 12/22/2008 10:43 AM - akr (Akira Tanaka)

=begin

1.8 1.9 C

1.8 1.9 main

% ./ruby -ve 'instance_eval{p((C = Class.new).to_s)}';

class << self

p C

end

'

ruby 1.9.1 (2008-12-21 revision 20902) [i686-linux]

"#Class:0x825d5c0"

#Class:0x825d5c0

1.8 ?

=end

#8 - 12/22/2008 12:28 PM - yugui (Yuki Sonoda)

=begin

=end

#9 - 12/27/2008 08:31 AM - yugui (Yuki Sonoda)

=begin

instance_evalmodule_evalcrefyield_uder

=end

#10 - 12/27/2008 09:00 AM - yugui (Yuki Sonoda)

- Due date changed from 12/24/2008 to 01/20/2009

- Assignee changed from yugui (Yuki Sonoda) to ko1 (Koichi Sasada)

- Priority changed from Normal to 3

=begin

=end

#11 - 12/29/2008 12:38 PM - ko1 (Koichi Sasada)

=begin

Shyouhei Urabe wrote::

Bug #616: instance_eval and Module#to_s
<http://redmine.ruby-lang.org/issues/show/616>

: Shyouhei Urabe

: Open, : Normal

: Yukihiro Matsumoto, : core

1.8

% for i in trunk branches/ruby_1_8; do ~/target/\$i/bin/ruby -ve 'instance_eval{p((C = Class.new).to_s)}'; done

ruby 1.9.0 (2008-10-06 revision 17576) [x86_64-linux]

"#Class:0x000000007c4c50"

ruby 1.8.7 (2008-09-23 revision 17572) [x86_64-linux]

"C"

2

(1) instance_eval{}

(2)

```
| (1) 1.9 1.8
```

```
| (1) recv.instance_eval(&b) 1.8 b  
| 1.9 recv  
|
```

```
class C  
end
```

```
C.instance_eval{  
  Const = 1  
}
```

```
p Const #=> 1.8: 1  
#=> 1.9: NameError  
class << C  
p Const #=> 1 # 1.9, 1.8: 1  
end
```

```
| (2) Class.new  
|
```

```
| (1)  
|
```

```
C = Class.new do  
end
```

```
class << self  
  D = Class.new do  
    $D = self  
  end  
end
```

```
p [C, $D] #=> [C, #Class:0x383f2f4]
```

```
| (1)  
| (2)
```

```
--  
// SASADA Koichi at atdot dot net  
  
=end
```

#12 - 12/29/2008 02:25 PM - matz (Yukihiro Matsumoto)

```
=begin  
|
```

In message "Re: [\[ruby-dev:37640\]](#) Re: [Bug [#616](#)] instance_eval and Module#to_s"
on Mon, 29 Dec 2008 12:38:11 +0900, SASADA Koichi ko1@atdot.net writes:

```
| 2  
|  
| (1) instance_eval{  
| (2)  
|  
| (1) 1.9 (2) 1.8  
  
| (1)  
  
| (1) 1.9  
  
=end
```

#13 - 12/29/2008 07:18 PM - yugui (Yuki Sonoda)

- Target version changed from 1.9.1 Release Candidate to 1.9.1 RC2

```
=begin  
  
=end
```

#14 - 01/16/2009 01:09 AM - yugui (Yuki Sonoda)

```
=end
```

#15 - 10/21/2009 07:30 PM - naruse (Yui NARUSE)

```
- ruby -v set to ruby 1.9.2dev (2009-10-19 trunk 25399) [x86_64-freebsd7.2]
```

```
=begin
```

000 (2) 0000000000000000

```
=end
```

#16 - 10/22/2009 06:37 AM - matz (Yukihiro Matsumoto)

=begin

□□□□ □□□□□□

In message "Re: [\[ruby-dev:39521\]](#) [Bug [#616](#)] instance_eval and Module#to_s" on Wed, 21 Oct 2009 19:30:25 +0900, Yui NARUSE redmine@ruby-lang.org writes:

1000 (2) 00000000000000

1111111111111111

- `Object`
-

□
 □
 □
 □ □ □ □ □ □

class

```
#Class:0x8caf000::Foo
```

[illegible]

□ □ □ □ □ □ □ □ □ □ □ □

- 0000(00)000000000000
- 0000(00)000000000000

□ □

□□□□ □□□□ / : |)

```
=end
```

#17 - 03/24/2010 11:11 PM - mame (Yusuke Endoh)

- Status changed from Open to Closed

=begin

□□□□□

2008-12-29 12:38 SASADA Koichi ko1@atdot.net:

Shyouhei Urabe wrote::

Bug [#616](http://redmine.ruby-lang.org/issues/show/616): instance_eval and Module#to_s
<http://redmine.ruby-lang.org/issues/show/616>

〇〇〇: Shyouhei Urabe
 〇〇〇〇〇: Open, 〇〇〇: Normal
 〇〇〇: Yukihiro Matsumoto, 〇〇〇〇〇: core

1.8

```
% for i in trunk branches/ruby_1_8; do ~/target/$i/bin/ruby -ve 'instance_eval{p((C = Class.new).to_s)}'; done
ruby 1.9.0 (2008-10-06 revision 17576) [x86_64-linux]
```

```
"#Class:0x000000007c4c50"  
ruby 1.8.7 (2008-09-23 revision 17572) [x86_64-linux]  
"C"
```

0000000020000000000000

(1) instance_eval{} 0000000000
(2) 0000000000000000000000

(1) 1.9 000000(2) 1.8 000000000000

(1) 000000 [\[ruby-core:26774\]](#) 00 Yehuda 000000001.8 0
0000000000000000
000000000000000000000000000000

(2) 0000

```
o = Object.new  
class << o  
class C; end  
D = Class.new  
p [C, D] #=> [#Class:0x825657c::C, #Class:0x82564f0]  
end
```

000000000000000000000000000000

000000000000000000000000000000
000000000000000000

```
--  
Yusuke ENDOH mame@tsg.ne.jp  
=end
```