

## Backport200 - Backport #8966

### SEGV when a refined method is undefined by undef

09/29/2013 10:05 PM - shugo (Shugo Maeda)

|  |                                |
|--|--------------------------------|
| <b>Status:</b>   | Closed                         |
| <b>Priority:</b>   | Normal                         |
| <b>Assignee:</b>   | nagachika (Tomoyuki Chikanaga) |
| <b>Description</b>   |                                |
| <pre>=begin The following code causes SEGV:  module Foo refine Object do def foo puts "foo" end end end  using Foo  class Object undef foo end  foo  I guess undef is not aware of refinements. =end</pre> |                                |

#### Associated revisions

##### Revision 3cfa0074 - 10/04/2013 05:13 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 43090,43091: [Backport #8966]

```
* vm_method.c (rb_undef): raise a NameError if the original method
of a refined method is not defined.
```

```
* vm_inshelper.c (rb_method_entry_eq): added NULL check to avoid SEGV.
```

```
* test/ruby/test_refinement.rb: related test.
of a refined method is not defined.
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby\_2\_0\_0@43143 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

##### Revision 43143 - 10/04/2013 05:13 PM - nagachika (Tomoyuki Chikanaga)

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#### History

##### #1 - 09/29/2013 10:38 PM - nobu (Nobuyoshi Nakada)

- Description updated

```
=begin
What should happen in that case?
Printing ({"foo"}), or raising a (NameError)?
=end
```

**#2 - 09/30/2013 10:48 AM - shugo (Shugo Maeda)**

nobu (Nobuyoshi Nakada) wrote:

What should happen in that case?  
Printing (`puts "foo"`), or raising a `NameError`?

`undef foo` should raise a `NameError` because `foo` is not defined in the original class.

**#3 - 09/30/2013 11:45 PM - nagachika (Tomoyuki Chikanaga)**

- Status changed from Assigned to Closed
- Backport changed from 1.9.3: UNKNOWN, 2.0.0: UNKNOWN to 1.9.3: UNKNOWN, 2.0.0: REQUIRED

committed at r43090.  
And it should be backported to `ruby_2_0_0`.

**#4 - 09/30/2013 11:45 PM - nagachika (Tomoyuki Chikanaga)**

- Tracker changed from Bug to Backport
- Project changed from Ruby master to Backport200
- Category deleted (core)
- Status changed from Closed to Assigned
- Assignee changed from shugo (Shugo Maeda) to nagachika (Tomoyuki Chikanaga)
- Target version deleted (2.1.0)

**#5 - 10/01/2013 09:56 AM - shugo (Shugo Maeda)**

nagachika (Tomoyuki Chikanaga) wrote:

committed at r43090.  
And it should be backported to `ruby_2_0_0`.

Ah, I forgot to add the bug number to the commit log of r43090. Thanks.

**#6 - 10/05/2013 02:13 AM - nagachika (Tomoyuki Chikanaga)**

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

This issue was solved with changeset [r43143](#).  
Shugo, thank you for reporting this issue.  
Your contribution to Ruby is greatly appreciated.  
May Ruby be with you.

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merge revision(s) 43090,43091: [Backport [#8966](#)]

- \* `vm_method.c (rb_undef)`: raise a `NameError` if the original method of a refined method is not defined.
- \* `vm_inshelper.c (rb_method_entry_eq)`: added NULL check to avoid SEGV.
- \* `test/ruby/test_refinement.rb`: related test.  
of a refined method is not defined.