

## Backport200 - Backport #8367

### regression in defined?(super) starting with 2.0.0-p0

05/04/2013 10:20 AM - indirect (André Arko)

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>	nagachika (Tomoyuki Chikanaga)	
<b>Description</b>		
<pre>=begin Hello,</pre>		
<p>I have discovered a regression in the behaviour of (<code>defined?(super)</code>). It functions as expected in 1.9.3-p392, but has changed in 2.0.0-p0 and in 2.1.0dev (2013-05-03 trunk 40571).</p>		
<p>On Ruby 1.9.3, the call returns the string (<code>"super"</code>). On 2.0.0-p0 and above, the call returns (<code>{nil}</code>). The change seems to be specific to the inside of a block in a method that is defined in a module that is extended onto the object where the method is called.</p>		
<p>This is a minimal reproduction example, which I have also attached as "super-gone.rb".</p>		
<pre>class C def x; end end  module M def b; yield; end  def x b do # On 1.9.3, this is "super", but on 2.0.0 it is nil p defined?(super) end end end  c = C.new c.extend M c.x  Thank you. =end</pre>		
<b>Related issues:</b>		
Related to Ruby trunk - Bug #6644: Weird behavior of defined?(super) check in...		<b>Closed</b> <b>06/25/2012</b>

#### Associated revisions

##### Revision 08fbd2ce - 05/05/2013 07:29 AM - nobu (Nobuyoshi Nakada)

insns.def: method entry from method frame

- insns.def (defined): get method entry from the method top level frame, not block frame. [ruby-core:54769] [Bug #8367]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@40583 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

##### Revision 40583 - 05/05/2013 07:29 AM - nobu (Nobuyoshi Nakada)

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#### Revision 4c1f8acd - 05/08/2013 02:38 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 40583,40584,40585,40590: [Backport #8367]

```
* insns.def (defined): get method entry from the method top level
  frame, not block frame. [ruby-core:54769] [Bug #8367]
```

```
* insns.def (defined): use vm_search_superclass() like as normal super
  call. based on a patch <https://gist.github.com/wanabe/5520026> by
  wanabe.
```

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* vm_inshelper.c (vm_search_superclass): return error but not raise
  exceptions.
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```
* vm_inshelper.c (vm_search_super_method): check the result of
  vm_search_superclass and raise exceptions on error.
  vm_search_superclass and raise exceptions on error.
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby\_2\_0\_0@40613 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

#### Revision 40613 - 05/08/2013 02:38 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 40583,40584,40585,40590: [Backport #8367]

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## History

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### #1 - 05/05/2013 12:39 PM - nagachika (Tomoyuki Chikanaga)

- Category set to core

- Status changed from Open to Assigned

- Assignee set to nobu (Nobuyoshi Nakada)

- Target version set to 2.1.0

- Backport changed from 1.9.3: UNKNOWN, 2.0.0: UNKNOWN to 1.9.3: UNKNOWN, 2.0.0: REQUIRED

### #2 - 05/05/2013 04:29 PM - nobu (Nobuyoshi Nakada)

- Status changed from Assigned to Closed

- % Done changed from 0 to 100

This issue was solved with changeset [r40583](#).

André, thank you for reporting this issue.

Your contribution to Ruby is greatly appreciated.

May Ruby be with you.

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insns.def: method entry from method frame

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### #3 - 05/05/2013 04:34 PM - nobu (Nobuyoshi Nakada)

- Tracker changed from Bug to Backport

- Project changed from Ruby trunk to Backport200

- Category deleted (core)

- Status changed from Closed to Assigned

- Assignee changed from nobu (Nobuyoshi Nakada) to nagachika (Tomoyuki Chikanaga)

- Target version deleted (2.1.0)

### #4 - 05/06/2013 12:56 AM - nagachika (Tomoyuki Chikanaga)

Hello,

Should I backport r40584 too?

### #5 - 05/06/2013 09:28 AM - nobu (Nobuyoshi Nakada)

Probably, yes.

### #6 - 05/08/2013 11:38 PM - nagachika (Tomoyuki Chikanaga)

- Status changed from Assigned to Closed

This issue was solved with changeset [r40613](#).

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## Files

super-gone.rb

491 Bytes

05/04/2013

indirect (André Arko)