

## Ruby master - Bug #11213

### defined?(super) ignores respond\_to\_missing?

06/02/2015 07:59 PM - ko1 (Koichi Sasada)

<b>Status:</b> Open	
<b>Priority:</b> Normal	
<b>Assignee:</b> matz (Yukihiro Matsumoto)	
<b>Target version:</b>	
<b>ruby -v:</b> 2.3dev	<b>Backport:</b> 2.0.0: UNKNOWN, 2.1: UNKNOWN, 2.2: UNKNOWN
<b>Description</b> <pre>class C0   def method_missing *args     p [:method_missing] + args   end   def respond_to_missing? *args     true   end end  class C1 &lt; C0   def foo     super     defined?(super)   end end  p C1.new.foo</pre> <p>This script prints</p> <pre>[:method_missing, :foo] nil</pre> <p>In this case, we can call super, but defined? returns nil. It should be a bug.</p>	

### History

#### #1 - 06/02/2015 08:11 PM - ko1 (Koichi Sasada)

However it is difficult because we can't call self.respond\_to\_missing? directly because we should ignore C1#respond\_to\_missing?.

Options:

- (1) Ignore this issue as a spec (or known issue)
- (2) Do super (it has compatibility issue)
- (3) Introduce something special to call respond\_to\_missing?

My recommendation is (1).