

Ruby trunk - Feature #10406

Method starting with a capital is not detected when parentheses and receiver are omitted

10/20/2014 11:32 AM - sawa (Tsuyoshi Sawada)

Status:	Rejected
Priority:	Normal
Assignee:	matz (Yukihiro Matsumoto)
Target version:	Next Major
Description	
A method whose name starts with a capital is not detected when parentheses and receiver are omitted.	
<pre>def Foo; puts "foo" end Foo # => uninitialized constant Foo</pre>	
If I disambiguate it as a method, then the method is detected:	
<pre>Foo() # => foo</pre>	
This kind of consideration is unnecessary if the method name does not start with a capital.	
<pre>def foo; puts "foo" end foo # => foo</pre>	
So I expect method Foo to be detected without explicit receiver and arguments (unless there is a constant with the same name).	
<pre>def Foo; puts "foo" end</pre>	
I first thought this as a bug. If it is not a bug, then I would like to ask this as a feature request.	

History

#1 - 10/20/2014 11:42 AM - nobu (Nobuyoshi Nakada)

- Tracker changed from Bug to Feature
- Category set to syntax
- Status changed from Open to Assigned
- Assignee set to matz (Yukihiro Matsumoto)
- Target version set to Next Major

It's a ruby's naming rule.

#2 - 10/20/2014 11:46 AM - mame (Yusuke Endoh)

I believe this is intentional. Otherwise, we would become unable to refer Array, Integer, Float, String, and Hash classes because of Kernel#Array and so on ;-)

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Yusuke Endoh mame@ruby-lang.org

#3 - 10/20/2014 11:51 AM - sawa (Tsuyoshi Sawada)

Yusuke Endoh wrote:

I believe this is intentional. Otherwise, we would become unable to refer Array, Integer, Float, String, and Hash classes because of Kernel#Array and so on ;-)

Just like local variables have precedence over method look up, I expect that constants have precedence over method look up, so I don't think that would be a problem.

#4 - 10/20/2014 12:07 PM - mame (Yusuke Endoh)

Oops, I see. Sorry for the noise!

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Yusuke Endoh mame@ruby-lang.org

#5 - 10/20/2014 02:12 PM - matz (Yukihiro Matsumoto)

- Status changed from Assigned to Rejected

Unlike local variables, constants are not resolved statically. That's the reason behind this behavior.
If you have further demand, reopen the issue.

Matz.