Ruby master - Bug #2476

instance_eval ArgumentError

12/14/2009 01:11 AM - methodmissing (Lourens Naudé)

Status:	Third Party's Issue	
Priority:	Normal	
Assignee:	shugo (Shugo Maeda)	
Target version:		
ruby -v:	ruby 1.9.2dev (2009-12-10 trunk 26065)	**Backport:**

Description

=begin
Hi,

I believe I've found an edge case referencing the recent (Dec 4) changes of instance_eval etc. compatibility with current MRI 1.8 behavior.

Ruby backtrace and context :
https://gist.github.com/1be3d65c1ff8c23ce964 (from sinatra trunk)

C function call :
http://github.com/methodmissing/ruby/blob/trunk/vm_insnhelper.c#L716

Version ruby 1.9.2dev (2009-12-03 trunk 25980 doesn't reproduce.

- Lourens =end

History

#1 - 12/14/2009 05:06 PM - shugo (Shugo Maeda)

=begin
Hi,

2009/12/14 Lourens Naudé redmine@ruby-lang.org:

> I believe I've found an edge case referencing the recent (Dec 4) changes of instance_eval etc. compatibility with current MRI 1.8 behavior.
>
> Ruby backtrace and context :
> https://gist.github.com/1be3d65c1ff8c23ce964 (from sinatra trunk)
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> C function call :
> http://github.com/methodmissing/ruby/blob/trunk/vm_insnhelper.c#L716

I don't know sinatra well, but it passes a Proc object created by
lambda which doesn't take any arguments to instance_eval, doesn't it?
If so, please use Proc.new or proc instead of lambda.

instance_eval yields the receiver in both 1.8 and 1.9.
Unfortunately, a Proc object created by lambda raises ArgumentError
when extra arguments are yielded in 1.9.

defiant:~$ ruby-1_8 -ve 'lambda {}.call("foo")'
ruby 1.8.8dev (2009-12-05 revision 26022) [i686-linux]
defiant:~$ ruby-trunk -ve 'lambda {}.call("foo")'
ruby 1.9.2dev (2009-12-09 trunk 26052) [i686-linux]
-e:1:in call': wrong number of arguments (1 for 0) (ArgumentError)
from -e:1:in'

You should use Proc.new or proc instead of lambda if you don't want
checks for the number of arguments.

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Shugo Maeda

=end

#2 - 02/06/2010 11:16 PM - shugo (Shugo Maeda)

- Status changed from Open to Third Party's Issue

=begin
If you still think that this issue is a bug of Ruby, please reopen this ticket.
=end