Ruby master - Bug #5966
->{} doesn't work in BasicObject
02/04/2012 02:25 PM - ktsj (Kazuki Tsujimoto)

Status: Closed  Priority: Normal
Assignee: ko1 (Koichi Sasada)  Target version: 2.0.0
ruby -v: ruby 2.0.0dev (2012-02-03 trunk 34424) [x86_64-linux]

Description
=begin
$ ./ruby -ve 'BasicObject.new.instance_eval { ->{} }'
ruby 2.0.0dev (2012-02-03 trunk 34424) [x86_64-linux]
-e:1:in block in <main>': undefined methodlambda' for #BasicObject:0x007ffff847ef28 (NoMethodError)
from -e:1:in instance_eval'
from -e:1:in'
I'm not sure it is a bug or not, but I think lambda syntax should work everywhere.
=end

Associated revisions
Revision 6a8d0097 - 02/26/2012 02:26 AM - nobu (Nobuyoshi Nakada)

- compile.c (iseq_compile_each): call on special object instead of self. since stabby lambda is a syntax, so it should not be affected by the context. [ruby-core:42349][Bug #5966]
- insns.def (send): no special deal for FCALL. self should be put on TOS instead.
git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@34819 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

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merge revision(s) 34819:

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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_1_9_3@34820 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

History

#1 - 02/11/2012 06:56 AM - nobu (Nobuyoshi Nakada)
- File 0001-Bug-5966-lambda-in-BasicObject.patch added
- Status changed from Open to Assigned
- Assignee set to ko1 (Koichi Sasada)

I'm not sure why FCALL is dealt specially in op_send. It doesn't seem needed if self is put instead of nil.

#2 - 02/26/2012 04:23 AM - ko1 (Koichi Sasada)

Hi,

(2012/02/11 6:56), Nobuyoshi Nakada wrote:

File 0001-Bug-5966-lambda-in-BasicObject.patch added
Status changed from Open to Assigned
Assignee set to Koichi Sasada

Thank you. Please commit it.

I'm not sure why FCALL is dealt specially in op_send. It doesn't seem needed if self is put instead of nil.

It is a historical reason. No reason now.

--
// SASADA Koichi at atdot dot net

#3 - 02/26/2012 11:26 AM - nobu (Nobuyoshi Nakada)

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

This issue was solved with changeset r34819.
Kazuki, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

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Files

0001-Bug-5966-lambda-in-BasicObject.patch 2.42 KB 02/11/2012 nobu (Nobuyoshi Nakada)