

Ruby trunk - Bug #11750

SEGV with Enumerator, yield and proc.

11/29/2015 04:24 PM - akr (Akira Tanaka)

Status: Closed	
Priority: Normal	
Assignee: ko1 (Koichi Sasada)	
Target version:	
ruby -v: ruby 2.3.0dev (2015-11-29 trunk 52789) [x86_64-linux]	Backport: 2.0.0: UNKNOWN, 2.1: UNKNOWN, 2.2: UNKNOWN
Description I found SEGV as follows. <pre>% cat z.rb def f Enumerator.new { y 1000000.times { yield y.yield } } end def g x = proc {} f(&x) end e = g e.each {} % ./miniruby z.rb (snip)</pre>	

Associated revisions

Revision 5dc676a5 - 12/16/2015 06:38 AM - ko1 (Koichi Sasada)

- vm.c: fix mark miss for proc given as passed block. [Bug #11750]
- vm.c (vm_make_proc_from_block): should return a Proc object if block is given. Previous implementation returns a Proc object only when corresponding Proc object is not available.
- vm.c (vm_make_env_each): ditto.
- test/ruby/test_proc.rb: add a test for this bug.

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@53144 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

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History

#1 - 11/30/2015 05:36 AM - nobu (Nobuyoshi Nakada)

- File bug-11750.log added
- Description updated

By bisecting, it raises SytemStackError or segfaults since r51243.

```
* vm_core.h: remove blockprocval field from rb_proc_t and rb_binding_t.  
  Instead of this field, mark given block in Proc at rb_env_t::env.
```

Enumerator, Generator, or Yelder may need more marking or write-barrier.

#2 - 12/07/2015 07:24 AM - ko1 (Koichi Sasada)

- Assignee set to ko1 (Koichi Sasada)

#3 - 12/16/2015 06:39 AM - ko1 (Koichi Sasada)

- Status changed from Open to Closed

Applied in changeset r53144.

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Files

bug-11750.log	11.2 KB	11/30/2015	nobu (Nobuyoshi Nakada)
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