

## Ruby trunk - Bug #7507

### lazy.map{}.zip{} causes SEGV

12/04/2012 02:00 PM - yhara (Yutaka HARA)

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Target version:</b> 2.0.0	
<b>ruby -v:</b> ruby 2.0.0dev (2012-12-04 trunk 38172) [x86_64-darwin12.2.1]	<b>Backport:</b>
<b>Description</b>	
The following program causes SEGV. (Tested on Mac and Ubuntu)	
(1..10000).lazy.map{}.zip({})	
<pre>/Users/yhara/r/ruby % ./miniruby -e '(1..10000).lazy.map{}.zip({})' -e:1: [BUG] Segmentation fault ruby 2.0.0dev (2012-12-04 trunk 38172) [x86_64-darwin12.2.1]  -- Control frame information ----- c:0015 p:---- s:0031 e:000030 IFUNC c:0014 p:---- s:0029 e:000028 IFUNC c:0013 p:---- s:0027 e:000026 CFUNC :yield c:0012 p:---- s:0025 e:000024 IFUNC c:0011 p:---- s:0023 e:000022 CFUNC :each c:0010 p:---- s:0021 e:000020 IFUNC c:0009 p:---- s:0019 e:002020 CFUNC :each c:0008 p:---- s:0017 e:000016 CFUNC :each c:0007 p:---- s:0015 e:001f70 IFUNC c:0006 p:---- s:0013 e:001eb0 CFUNC :each c:0005 p:---- s:0011 e:000010 CFUNC :each c:0004 p:---- s:0009 e:001e00 CFUNC :zip c:0003 p:---- s:0007 e:000006 CFUNC :zip c:0002 p:0012 s:0004 e:001928 EVAL -e:1 [FINISH] c:0001 p:0000 s:0002 e:001468 TOP [FINISH]  -e:1:in &lt;main&gt;' -e:1:inzip' -e:1:in zip' -e:1:ineach' -e:1:in each' -e:1:ineach' -e:1:in each' -e:1:ineach' -e:1:in each' -e:1:ineach' -e:1:in `yield'</pre>	
<b>(snip)</b>	
<b>Related issues:</b>	
Related to Ruby trunk - Bug #7619: Range map force ...	<b>Closed</b> 12/24/2012
Related to Backport193 - Backport #7658: Rabbit Ruby 1.9.3p362	<b>Closed</b>

#### Associated revisions

##### Revision 31e6f72c - 12/05/2012 01:46 PM - nobu (Nobuyoshi Nakada)

vm.c: save blockprocvl

- vm.c (rb\_vm\_make\_proc): save the proc made from the given block so that it will not get collected. [ruby-core:50545] [Bug #7507]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@38213 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

**Revision 38213 - 12/05/2012 01:46 PM - nobu (Nobuyoshi Nakada)**

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**Revision 9ccc80fe - 01/07/2013 06:52 AM - usa (Usaku NAKAMURA)**

merge revision(s) 38213: [Backport #7629]

```
* vm.c (rb_vm_make_proc): save the proc made from the given block so
that it will not get collected. [ruby-core:50545] [Bug #7507]
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby\_1\_9\_3@38726 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

**History**

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**#1 - 12/04/2012 07:17 PM - nobu (Nobuyoshi Nakada)**

=begin  
Seems a GC issue.

With {{{GC.stress=true}}}, just {{{(1..2)}}} segfaults.  
=end

**#2 - 12/05/2012 10:46 PM - nobu (Nobuyoshi Nakada)**

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

This issue was solved with changeset r38213.  
Yutaka, thank you for reporting this issue.  
Your contribution to Ruby is greatly appreciated.  
May Ruby be with you.

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