

Ruby trunk - Bug #6226

Star operator crashes when it using in irb on Fedora

03/30/2012 08:19 AM - newmen (Gleb Averchuk)

Status:	Third Party's Issue	Backport:
Priority:	Normal	
Assignee:		
Target version:	1.9.3	
ruby -v:	ruby 1.9.3p125 (2012-02-16 revision 34643) [x86_64-linux]	

Description

Segmentation fault raised when I pressed Ctrl+D.

Full log:

```
[newmen@blackbox ~]$ irb
```

```
1.9.3p125 :001 > *a = 1
```

```
=> 1
```

```
1.9.3p125 :002 > a
```

```
=> [1]
```

```
1.9.3p125 :003 >
```

```
/home/newmen/.rvm/scripts/irbrc.rb:32: [BUG] Segmentation fault
```

```
ruby 1.9.3p125 (2012-02-16 revision 34643) [x86_64-linux]
```

```
-- Control frame information -----
```

```
c:0005 p:---- s:0014 b:0014 l:000013 d:000013 CFUNC :initialize
```

```
c:0004 p:---- s:0012 b:0012 l:000011 d:000011 CFUNC :open
```

```
c:0003 p:0140 s:0007 b:0007 l:001600 d:000006 BLOCK /home/newmen/.rvm/scripts/irbrc.rb:32
```

```
c:0002 p:---- s:0004 b:0004 l:000003 d:000003 FINISH
```

```
c:0001 p:0000 s:0002 b:0002 l:000668 d:000668 TOP
```

```
-- Ruby level backtrace information -----
```

```
/home/newmen/.rvm/scripts/irbrc.rb:32:in block in <top (required)>'
```

```
/home/newmen/.rvm/scripts/irbrc.rb:32:inopen'
```

```
/home/newmen/.rvm/scripts/irbrc.rb:32:in `initialize'
```

```
-- C level backtrace information -----
```

```
/home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/libruby.so.1.9(+0x179f4a) [0x7f582404af4a] vm_dump.c:796
```

```
/home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/libruby.so.1.9(+0x5cc97) [0x7f5823f2dc97] error.c:258
```

```
/home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/libruby.so.1.9(rb_bug+0xb7) [0x7f5823f2ea27] error.c:277
```

```
/home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/libruby.so.1.9(+0x10ebdf) [0x7f5823fdbdf] signal.c:609
```

```
/lib64/libpthread.so.0() [0x385c40f500]
```

```
/home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/libruby.so.1.9(+0x166538) [0x7f5824037538] vm_method.c:370
```

```
/home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/libruby.so.1.9(rb_check_funcall+0x74) [0x7f5824043de4] vm_eval.c:274
```

```
/home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/libruby.so.1.9(rb_check_convert_type+0xc7) [0x7f5823f7e827] object.c:2055
```

```
/home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/libruby.so.1.9(+0x8de5c) [0x7f5823f5ee5c] io.c:6808
```

```
/home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/libruby.so.1.9(+0x170cd7) [0x7f5824041cd7] vm_eval.c:79
```

```
/home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/libruby.so.1.9(rb_class_new_instance+0x30) [0x7f5823f7e000] object.c:1636
```

```
/home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/libruby.so.1.9(+0x7f6e6) [0x7f5823f506e6] io.c:5691
```

```
/home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/libruby.so.1.9(+0x173781) [0x7f5824044781] vm_inshelper.c:404
```

```
/home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/libruby.so.1.9(+0x169489) [0x7f582403a489] insns.def:1015
```

```
/home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/libruby.so.1.9(+0x16f98a) [0x7f582404098a] vm.c:1220
```

```
/home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/libruby.so.1.9(+0x170951) [0x7f5824041951] vm.c:670
```

```
/home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/libruby.so.1.9(rb_exec_end_proc+0x1cc) [0x7f5823f35ecc] eval_jump.c:126
```

```
/home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/libruby.so.1.9(+0x64f6a) [0x7f5823f35f6a] eval.c:92
```

```
/home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/libruby.so.1.9(ruby_cleanup+0x132) [0x7f5823f360e2] eval.c:133
```

```
/home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/libruby.so.1.9(ruby_run_node+0x25) [0x7f5823f36425] eval.c:244
```

```
irb() [0x4007fb]
```

```
/lib64/libc.so.6(__libc_start_main+0xed) [0x385c02169d]
```

```
irb() [0x400829]
```

```
-- Other runtime information -----
```

- Loaded script: irb

- Loaded features:

- 0 enumerator.so
- 1 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/x86_64-linux/enc/encdb.so
- 2 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/x86_64-linux/enc/trans/transdb.so
- 3 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/site_ruby/1.9.1/rubygems/defaults.rb
- 4 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/x86_64-linux/rbconfig.rb
- 5 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/site_ruby/1.9.1/rubygems/deprecate.rb
- 6 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/site_ruby/1.9.1/rubygems/exceptions.rb
- 7 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/site_ruby/1.9.1/rubygems/custom_require.rb
- 8 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/site_ruby/1.9.1/rubygems.rb
- 9 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/e2mmap.rb
- 10 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/irb/init.rb
- 11 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/irb/workspace.rb
- 12 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/irb/inspector.rb
- 13 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/irb/context.rb
- 14 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/irb/extend-command.rb
- 15 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/irb/output-method.rb
- 16 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/irb/notifier.rb
- 17 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/irb/slex.rb
- 18 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/irb/ruby-token.rb
- 19 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/irb/ruby-lex.rb
- 20 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/irb/src_encoding.rb
- 21 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/irb/magic-file.rb
- 22 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/x86_64-linux/readline.so
- 23 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/irb/input-method.rb
- 24 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/irb/locale.rb
- 25 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/irb.rb
- 26 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/site_ruby/1.9.1/rubygems/version.rb
- 27 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/site_ruby/1.9.1/rubygems/requirement.rb
- 28 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/site_ruby/1.9.1/rubygems/platform.rb
- 29 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/site_ruby/1.9.1/rubygems/specification.rb
- 30 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/site_ruby/1.9.1/rubygems/path_support.rb
- 31 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/site_ruby/1.9.1/rubygems/dependency.rb
- 32 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/irb/completion.rb
- 33 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/ostruct.rb
- 34 /home/newmen/.rvm/gems/ruby-1.9.3-p125/gems/wirble-0.1.3/lib/wirble.rb
- 35 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/prettypaint.rb
- 36 /home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/pp.rb
- 37 /home/newmen/.rvm/scripts/irbrc.rb

- Process memory map:

00400000-00401000	r-xp	00000000	08:03	928584	/home/newmen/.rvm/rubies/ruby-1.9.3-p125/bin/ruby
00600000-00601000	rw-p	00000000	08:03	928584	/home/newmen/.rvm/rubies/ruby-1.9.3-p125/bin/ruby
020da000-028ec000	rw-p	00000000	00:00	0	[heap]
307bc00000-307bc15000	r-xp	00000000	08:02	131100	/lib64/libgcc_s-4.6.3-20120306.so.1
307bc15000-307be14000	---p	00015000	08:02	131100	/lib64/libgcc_s-4.6.3-20120306.so.1
307be14000-307be15000	rw-p	00014000	08:02	131100	/lib64/libgcc_s-4.6.3-20120306.so.1
369c200000-369c25d000	r-xp	00000000	08:02	156311	/lib64/libfreebl3.so
369c25d000-369c45d000	---p	0005d000	08:02	156311	/lib64/libfreebl3.so
369c45d000-369c45e000	r--p	0005d000	08:02	156311	/lib64/libfreebl3.so
369c45e000-369c45f000	rw-p	0005e000	08:02	156311	/lib64/libfreebl3.so
369c45f000-369c463000	rw-p	00000000	00:00	0	
369c600000-369c608000	r-xp	00000000	08:02	134140	/lib64/libcrypt-2.14.90.so
369c608000-369c807000	---p	00008000	08:02	134140	/lib64/libcrypt-2.14.90.so
369c807000-369c808000	r--p	00007000	08:02	134140	/lib64/libcrypt-2.14.90.so
369c808000-369c809000	rw-p	00008000	08:02	134140	/lib64/libcrypt-2.14.90.so
369c809000-369c837000	rw-p	00000000	00:00	0	
385bc00000-385bc22000	r-xp	00000000	08:02	136047	/lib64/ld-2.14.90.so
385be21000-385be22000	r--p	00021000	08:02	136047	/lib64/ld-2.14.90.so
385be22000-385be23000	rw-p	00022000	08:02	136047	/lib64/ld-2.14.90.so
385be23000-385be24000	rw-p	00000000	00:00	0	
385c000000-385c1ad000	r-xp	00000000	08:02	136049	/lib64/libc-2.14.90.so

```

385c1ad000-385c3ad000 ---p 001ad000 08:02 136049 /lib64/libc-2.14.90.so
385c3ad000-385c3b1000 r--p 001ad000 08:02 136049 /lib64/libc-2.14.90.so
385c3b1000-385c3b3000 rw-p 001b1000 08:02 136049 /lib64/libc-2.14.90.so
385c3b3000-385c3b8000 rw-p 00000000 00:00 0
385c400000-385c417000 r-xp 00000000 08:02 136289 /lib64/libpthread-2.14.90.so
385c417000-385c616000 ---p 00017000 08:02 136289 /lib64/libpthread-2.14.90.so
385c616000-385c617000 r--p 00016000 08:02 136289 /lib64/libpthread-2.14.90.so
385c617000-385c618000 rw-p 00017000 08:02 136289 /lib64/libpthread-2.14.90.so
385c618000-385c61c000 rw-p 00000000 00:00 0
385c800000-385c802000 r-xp 00000000 08:02 164094 /lib64/libdl-2.14.90.so
385c802000-385ca02000 ---p 00002000 08:02 164094 /lib64/libdl-2.14.90.so
385ca02000-385ca03000 r--p 00002000 08:02 164094 /lib64/libdl-2.14.90.so
385ca03000-385ca04000 rw-p 00003000 08:02 164094 /lib64/libdl-2.14.90.so
385cc00000-385cc07000 r-xp 00000000 08:02 164204 /lib64/librt-2.14.90.so
385cc07000-385ce06000 ---p 00007000 08:02 164204 /lib64/librt-2.14.90.so
385ce06000-385ce07000 r--p 00006000 08:02 164204 /lib64/librt-2.14.90.so
385ce07000-385ce08000 rw-p 00007000 08:02 164204 /lib64/librt-2.14.90.so
385d000000-385d083000 r-xp 00000000 08:02 136081 /lib64/libm-2.14.90.so
385d083000-385d282000 ---p 00083000 08:02 136081 /lib64/libm-2.14.90.so
385d282000-385d283000 r--p 00082000 08:02 136081 /lib64/libm-2.14.90.so
385d283000-385d284000 rw-p 00083000 08:02 136081 /lib64/libm-2.14.90.so
385fc00000-385fc3c000 r-xp 00000000 08:02 136016 /lib64/libreadline.so.6.2
385fc3c000-385fe3b000 ---p 0003c000 08:02 136016 /lib64/libreadline.so.6.2
385fe3b000-385fe43000 rw-p 0003b000 08:02 136016 /lib64/libreadline.so.6.2
385fe43000-385fe44000 rw-p 00000000 00:00 0
386dc00000-386dc23000 r-xp 00000000 08:02 169613 /lib64/libtinfo.so.5.9
386dc23000-386de22000 ---p 00023000 08:02 169613 /lib64/libtinfo.so.5.9
386de22000-386de26000 r--p 00022000 08:02 169613 /lib64/libtinfo.so.5.9
386de26000-386de27000 rw-p 00026000 08:02 169613 /lib64/libtinfo.so.5.9
3871c00000-3871c23000 r-xp 00000000 08:02 169617 /lib64/libncurses.so.5.9
3871c23000-3871e22000 ---p 00023000 08:02 169617 /lib64/libncurses.so.5.9
3871e22000-3871e23000 r--p 00022000 08:02 169617 /lib64/libncurses.so.5.9
3871e23000-3871e24000 rw-p 00023000 08:02 169617 /lib64/libncurses.so.5.9
7f581d37f000-7f581d385000 r-xp 00000000 08:03 928953
/home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/x86_64-linux/readline.so
7f581d385000-7f581d584000 ---p 00006000 08:03 928953
/home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/x86_64-linux/readline.so
7f581d584000-7f581d585000 rw-p 00005000 08:03 928953
/home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/x86_64-linux/readline.so
7f581d585000-7f581d587000 r-xp 00000000 08:03 1192114
/home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/x86_64-linux/enc/trans/transdb.so
7f581d587000-7f581d787000 ---p 00002000 08:03 1192114
/home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/x86_64-linux/enc/trans/transdb.so
7f581d787000-7f581d788000 rw-p 00002000 08:03 1192114
/home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/x86_64-linux/enc/trans/transdb.so
7f581d788000-7f581d78a000 r-xp 00000000 08:03 1192162
/home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/x86_64-linux/enc/encdb.so
7f581d78a000-7f581d989000 ---p 00002000 08:03 1192162
/home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/x86_64-linux/enc/encdb.so
7f581d989000-7f581d98a000 rw-p 00001000 08:03 1192162
/home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/ruby/1.9.1/x86_64-linux/enc/encdb.so
7f581d98a000-7f581d98b000 ---p 00000000 00:00 0
7f581d98b000-7f581da8f000 rw-p 00000000 00:00 0
7f581da8f000-7f5823eb0000 r--p 00000000 08:02 169375 /usr/lib/locale/locale-archive
7f5823eb0000-7f5823eb6000 rw-p 00000000 00:00 0
7f5823ec8000-7f5823eca000 rw-p 00000000 00:00 0
7f5823eca000-7f5823ed1000 r--s 00000000 08:02 158897 /usr/lib64/gconv/gconv-modules.cache
7f5823ed1000-7f58240e7000 r-xp 00000000 08:03 928586
/home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/libruby.so.1.9.1
7f58240e7000-7f58242e7000 ---p 00216000 08:03 928586
/home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/libruby.so.1.9.1
7f58242e7000-7f58242ef000 rw-p 00216000 08:03 928586
/home/newmen/.rvm/rubies/ruby-1.9.3-p125/lib/libruby.so.1.9.1
7f58242ef000-7f582430c000 rw-p 00000000 00:00 0
7ffe887f000-7ffe88a00000 rw-p 00000000 00:00 0 [stack]
7ffe89ff000-7ffe8a000000 r-xp 00000000 00:00 0 [vdso]
ffffffff600000-ffffffff601000 r-xp 00000000 00:00 0 [vsyscall]

```

[NOTE]

You may have encountered a bug in the Ruby interpreter or extension libraries.

Bug reports are welcome.

For details: <http://www.ruby-lang.org/bugreport.html>

Аварийный останов (core dumped)

History

#1 - 03/30/2012 08:29 AM - aprescott (Adam Prescott)

I cannot recreate this:

```
$ irb
irb(main):001:0> *a = 1
=> 1
irb(main):002:0> a
=> [1]
irb(main):003:0> # Ctrl-D pressed here
```

Just returns to prompt.

ruby 1.9.3p125 (2012-02-16 revision 34643) [x86_64-linux]

Installed with rvm on Arch Linux x86_64.

#2 - 04/01/2012 09:58 AM - newmen (Gleb Averchuk)

Today I've checked this bug again and he's gone.

I think my Fedora has installed the necessary update after that the bug has been removed automatically.

#3 - 04/01/2012 11:14 AM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Rejected

#4 - 04/01/2012 11:14 AM - nobu (Nobuyoshi Nakada)

- Status changed from Rejected to Third Party's Issue