

## Ruby master - Bug #2745

### iseq\_set\_sequence: adjust bug (next inside begin...rescue)

02/15/2010 07:50 AM - murphy (Kornelius Kalnbach)

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> wanabe (_ wanabe)	
<b>Target version:</b> 1.9.2	
<b>ruby -v:</b> ruby 1.9.2dev (2010-02-14 trunk 26664) [i386-darwin10.2.0]	<b>Backport:</b>
<b>Description</b>	
<pre>=begin Input: while true begin raise next rescue end break end  Output: -: [BUG] iseq_set_sequence: adjust bug ruby 1.9.2dev (2010-02-14 trunk 26664) [i386-darwin10.2.0]  -- control frame ----- c:0001 p:0000 s:0002 b:0002 l:000be4 d:000be4 TOP  -- C level backtrace information ----- 0  libruby19.1.9.1.dylib    0x00184ae5 rb_vm_bugreport + 229 1  libruby19.1.9.1.dylib    0x00040e3b report_bug + 379 2  libruby19.1.9.1.dylib    0x00040eec rb_bug + 44 3  libruby19.1.9.1.dylib    0x001578eb iseq_setup + 5179 4  libruby19.1.9.1.dylib    0x001635d7 rb_iseq_compile_node + 1607 5  libruby19.1.9.1.dylib    0x001698ff rb_iseq_new_with_bopt_and_opt + 159 6  libruby19.1.9.1.dylib    0x00169b6b rb_iseq_new_main + 107 7  libruby19.1.9.1.dylib    0x0010997e process_options + 2830 8  libruby19.1.9.1.dylib    0x00109c4b ruby_process_options + 155 9  libruby19.1.9.1.dylib    0x0004690f ruby_options + 127 10 ruby19                    0x00001f17 main + 87 11 ruby19                    0x00001e75 start + 53  [NOTE] You may have encountered a bug in the Ruby interpreter or extension libraries. Bug reports are welcome. For details: <a href="http://www.ruby-lang.org/bugreport.html">http://www.ruby-lang.org/bugreport.html</a>  Abort trap =end</pre>	

### History

#### #1 - 02/15/2010 07:51 AM - murphy (Kornelius Kalnbach)

```
=begin
Note: It works without the "next".
=end
```

#### #2 - 02/15/2010 07:53 AM - murphy (Kornelius Kalnbach)

```
=begin
I'm sorry, the ruby -v is:
```

ruby 1.9.2dev (2010-02-14 trunk 26664) [i386-darwin10.2.0]  
=end

**#3 - 02/15/2010 10:41 AM - wanabe (\_ wanabe)**

- Assignee set to ko1 (Koichi Sasada)

- ruby -v changed from ruby 1.8.6 (2010-02-05 patchlevel 399) [i686-darwin9.8.0] to ruby 1.9.2dev (2010-02-14 trunk 26664) [i386-darwin10.2.0]

=begin

=end

**#4 - 02/21/2010 04:28 PM - wanabe (\_ wanabe)**

- File *adjust\_sp.patch* added

=begin

The bug doesn't occur with attached patch.

=end

**#5 - 02/22/2010 02:59 AM - murphy (Kornelius Kalnbach)**

=begin

Yes, that solved it for me. Does this need to be backported to Ruby 1.9.1?

=end

**#6 - 04/20/2010 09:14 PM - mame (Yusuke Endoh)**

- Assignee changed from ko1 (Koichi Sasada) to wanabe (\_ wanabe)

=begin

Hi, wanabe

Ko1 agreed with your patch.

I also agree, but it would be better to insert dummy putnil immediately after ADJUST\_RESTORE.

```
diff --git a/compile.c b/compile.c
index e96e34d..f1a04fe 100644
```

```
--- a/compile.c
+++ b/compile.c
```

```
@@ -3359,6 +3359,9 @@ iseq_compile_each(rb_iseq_t *iseq, LINK_ANCHOR *ret, NODE * node, int popped)
ADD_ADJUST(ret, nd_line(node), iseq->compile_data->redo_label);
ADD_INSNL(ret, nd_line(node), jump, iseq->compile_data->start_label);
ADD_ADJUST_RESTORE(ret, splabel);
```

- if (!popped) {
- ADD\_INSN(ret, nd\_line(node), putnil);
- } } else if (iseq->compile\_data->end\_label) { LABEL \*splabel = NEW\_LABEL(0); @@ -3424,6 +3427,9 @@ iseq\_compile\_each(rb\_iseq\_t \*iseq, LINK\_ANCHOR \*ret, NODE \* node, int popped) add\_ensure\_iseq(ret, iseq, 0); ADD\_INSNL(ret, nd\_line(node), jump, iseq->compile\_data->redo\_label); ADD\_ADJUST\_RESTORE(ret, splabel);
- if (!popped) {
- ADD\_INSN(ret, nd\_line(node), putnil);
- } } else if (iseq->type == ISEQ\_TYPE\_EVAL) { redo\_in\_eval:

--

Yusuke Endoh [mame@tsg.ne.jp](mailto:mame@tsg.ne.jp)

=end

**#7 - 04/20/2010 10:10 PM - wanabe (\_ wanabe)**

=begin

I also agree, but it would be better to insert dummy putnil immediately after ADJUST\_RESTORE.

I fully agree. Please commit your patch.

=end

**#8 - 04/21/2010 12:37 AM - mame (Yusuke Endoh)**

- Status changed from Open to Closed

- % Done changed from 0 to 100

=begin

This issue was solved with changeset r27424.  
Kornelius, thank you for reporting this issue.  
Your contribution to Ruby is greatly appreciated.  
May Ruby be with you.

=end

## Files

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adjust_sp.patch	976 Bytes	02/21/2010	wanabe (_ wanabe)
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