

Ruby trunk - Bug #13682

return inside of ensure causes [BUG]

06/27/2017 04:03 AM - shyouhei (Shyouhei Urabe)

Status: Closed	
Priority: Normal	
Assignee:	
Target version:	
ruby -v: ruby 2.5.0dev (2017-06-27 trunk 59146) [x86_64-darwin15]	Backport: 2.2: DONTNEED, 2.3: DONTNEED, 2.4: DONE
Description Attached script causes [BUG] Stack consistency error (sp: 7, bp: 6)	
Related issues: Related to Ruby trunk - Feature #4840: Allow returning from require Closed	

Associated revisions

Revision 1474acff - 06/27/2017 06:57 AM - nobu (Nobuyoshi Nakada)

fix return in toplevel rescue/ensure

- compile.c (iseq_compile_each0): throw TAG_RETURN at return in toplevel rescue/ensure to adjust VM stack properly. [ruby-core:81777] [Bug #13682]
- vm_inshelper.c (vm_throw_start): allow return in toplevel rescue/ensure.

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@59183 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 59183 - 06/27/2017 06:57 AM - nobu (Nobuyoshi Nakada)

fix return in toplevel rescue/ensure

- compile.c (iseq_compile_each0): throw TAG_RETURN at return in toplevel rescue/ensure to adjust VM stack properly. [ruby-core:81777] [Bug #13682]
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Revision 5cfd379 - 06/27/2017 02:09 PM - nobu (Nobuyoshi Nakada)

fix return in toplevel ensure

- compile.c (iseq_compile_each0): adjust stack after return in toplevel ensure, when the value is used. [ruby-core:81777] [Bug #13682]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@59184 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 59184 - 06/27/2017 02:09 PM - nobu (Nobuyoshi Nakada)

fix return in toplevel ensure

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Revision 91b51140 - 08/03/2017 04:00 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 59183,59184: [Backport #13682]

fix return in toplevel rescue/ensure

```
* compile.c (iseq_compile_each0): throw TAG_RETURN at return in
  toplevel rescue/ensure to adjust VM stack properly.
  [ruby-core:81777] [Bug #13682]
```

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* vm_inshelper.c (vm_throw_start): allow return in toplevel
  rescue/ensure.
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fix return in toplevel ensure

```
* compile.c (iseq_compile_each0): adjust stack after return in
  toplevel ensure, when the value is used.
  [ruby-core:81777] [Bug #13682]
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_4@59493 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 59493 - 08/03/2017 04:00 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 59183,59184: [Backport #13682]

fix return in toplevel rescue/ensure

```
* compile.c (iseq_compile_each0): throw TAG_RETURN at return in
  toplevel rescue/ensure to adjust VM stack properly.
  [ruby-core:81777] [Bug #13682]
```

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* vm_inshelper.c (vm_throw_start): allow return in toplevel
  rescue/ensure.
```

fix return in toplevel ensure

```
* compile.c (iseq_compile_each0): adjust stack after return in
  toplevel ensure, when the value is used.
  [ruby-core:81777] [Bug #13682]
```

History

#1 - 06/27/2017 06:57 AM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Closed

Applied in changeset [trunk|r59183](#).

fix return in toplevel rescue/ensure

- compile.c (iseq_compile_each0): throw TAG_RETURN at return in toplevel rescue/ensure to adjust VM stack properly. [ruby-core:81777] [Bug #13682]
- vm_inshelper.c (vm_throw_start): allow return in toplevel rescue/ensure.

#2 - 06/27/2017 09:05 AM - shyouhei (Shyouhei Urabe)

- Status changed from Closed to Open

Seems incomplete.

```
% ./miniruby -ve 'begin raise ensure return end and self'
ruby 2.5.0dev (2017-06-27 trunk 59183) [x86_64-darwin15]
-- raw disasm-----
[none]
0000 trace                1                ( 1)
<L001>
0002 putself              ( 1)
0003 opt_send_without_block <callinfo:raise, 0>, <call cache> ( 1)
0006 pop                  ( 1)
<L002>
adjust: [label: -1]
0007 putnil              ( 1)
0008 leave                ( 1)
<L003>
0009 pop                  ( 1)
0010 dup                  ( 1)
0011 branchunless        <L000>          ( 1)
*0013 pop                 ( 1)
0014 putself              ( 1)
<L000>
0015 leave                ( 1)
-----
-e:1: argument stack underflow (-1)
Traceback (most recent call last):
-e: compile error (SyntaxError)
[1] 48279 exit 1 ./miniruby -ve 'begin raise ensure return end and self'
```

#3 - 06/27/2017 02:09 PM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Closed

Applied in changeset [trunk|r59184](#).

fix return in toplevel ensure

- compile.c (iseq_compile_each0): adjust stack after return in toplevel ensure, when the value is used. [ruby-core:81777] [Bug #13682]

#4 - 06/29/2017 05:15 PM - usa (Usaku NAKAMURA)

- Backport changed from 2.2: UNKNOWN, 2.3: UNKNOWN, 2.4: UNKNOWN to 2.2: DONTNEED, 2.3: DONTNEED, 2.4: REQUIRED

#5 - 07/20/2017 03:30 AM - nobu (Nobuyoshi Nakada)

- Related to Feature #4840: Allow returning from require added

#6 - 08/03/2017 04:00 PM - nagachika (Tomoyuki Chikanaga)

- Backport changed from 2.2: DONTNEED, 2.3: DONTNEED, 2.4: REQUIRED to 2.2: DONTNEED, 2.3: DONTNEED, 2.4: DONE

ruby_2_4 r59493 merged revision(s) 59183,59184.

Files

bug.rb	36 Bytes	06/27/2017	shyouhei (Shyouhei Urabe)
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