

Ruby trunk - Bug #2657

rubyspec: The return keyword within define_method goes through the method via a closure FAILED

01/26/2010 07:59 PM - mame (Yusuke Endoh)

Status: Closed	
Priority: Normal	
Assignee: ko1 (Koichi Sasada)	
Target version: 2.0.0	
ruby -v: ruby 1.9.2dev (2010-01-26 trunk 26420) [i686-linux]	Backport:

Description

```
=begin
[]
[]
```

rubyspec []

9)
The return keyword within define_method goes through the method via a closure FAILED

Expected :bad
to equal :good

```
/home/mame/work/ruby/spec/rubyspec/language/return_spec.rb:269:in block (3 levels) in <top (required)>
/home/mame/work/ruby/spec/rubyspec/language/return_spec.rb:4:in'
```

○

```
$ ./ruby -e '
class C
  define_method(:foo) do |&x|
    x.call
  end
  def outer
    foo { return :good }
    return :bad
  end
end
p C.new.outer
'
```

ok
:bad

```
[:good, :good]
[] ok
```

```
1.8 :good :good define_method def 1.9 :good :good
```

○

```
rb_vm_invoke_proc lambda TAG_RETURN
```

```
lambda return lambda TAG_RETURN vm_exec
goto finish_vme;
```

- (rubyspec)
- rubyspec

(<http://dame.dyndns.org:7001/20100126/ruby/vm.c>) rb_vm_invoke_proc
呼び出す (1 行)

- `printf` (2008-06-17 [r17390](#)
呼び出す) `lambda { return }.call` 呼び出す

```
diff --git a/vm.c b/vm.c
index bb19ecb..f03cf31 100644
```

○

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

```
@@ -609,21 +609,6 @@ rb_vm_invoke_proc(rb_thread_t *th, rb_proc_t *proc, VALUE self,
 }
```

```
if (state) {
```

- `if (state == TAG_RETURN && proc->is_lambda) {`
- `VALUE err = th->errinfo;`
- `VALUE *escape_dfp = GET_THROWOBJ_CATCH_POINT(err);`
- `if (escape_dfp == cfp->dfp) {`
- `printf("ok\n");`
- `state = 0;`
- `th->errinfo = Qnil;`
- `th->cfp = cfp;`
- `val = GET_THROWOBJ_VAL(err);`
- `}`
- `}`
- `-`
- `if (state) { JUMP_TAG(state); } return val;`

```
--
Yusuke ENDOH mame@tsg.ne.jp
=end
```

History

#1 - 01/26/2010 08:09 PM - ko1 (Koichi Sasada)

```
=begin

```

(2010/01/26 19:59), Yusuke Endoh wrote::

○

```
rb_vm_invoke_proc lambda TAG_RETURN

```

```
lambda return lambda
TAG_RETURN vm_exec
goto finish_vme;
```

- `rubyspec` (`rubyspec`)
- `rubyspec` `rb_vm_invoke_proc`
(<http://dame.dyndns.org:7001/20100126/ruby/vm.c>) rb_vm_invoke_proc
呼び出す (1 行)
- `printf` (2008-06-17 [r17390](#)
呼び出す) `lambda { return }.call` 呼び出す

