`unexpected return' occurs when a proc is called in ensure

05/19/2012 05:06 PM - ktsj (Kazuki Tsujimoto)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>naruse (Yui NARUSE)</td>
</tr>
<tr>
<td>Target version:</td>
<td>trunk</td>
</tr>
</tbody>
</table>

Description

=begin

Bug #2729, #5234 未定
不明なunexpected returnについて

class C
def each
begin
yield :foo
ensure
1.times { Proc.new }
end

def detect
each{|e|
  r = yield(e)
  return true if r
}
false
end

p C.new.detect{|e|
  true
}

endif make_env(adiomaceous control frame]
dfp pretext

diff --git a/proc.c b/proc.c
index d44e8d8..07a904b 100644
--- a/proc.c
+++ b/proc.c
@@ -418,7 +418,6 @@ proc_new(VALUE klass, int is_lambda)
  }
  procval = rb_vm_make_proc(th, block, klass);

- rb_vm_rewrite_dfp_in_errinfo(th, cfp);
  if (is_lambda) {
    rb_proc_t proc;
    diff --git a/vm.c b/vm.c
    index 6fbd3ad..abfe993 100644
    --- a/vm.c
    +++ b/vm.c
    @@ -406,8 +406,6 @@ vm_make_env_each(rb_thread_t * const th, rb_control_frame_t * const cfp,
    if (!RUBY_VM_NORMAL_ISEQ_P(cfp->iseq)) {
        /*TODO*/
  env->block.iseq = 0;

03/18/2020
```c
if (RUBY_VM_NORMAL_ISEQ_P(cfp->iseq) &&
    (cp->iseq->type == ISEQ_TYPE_RESCUE ||
     cfp->iseq->type == ISEQ_TYPE_ENSURE)) {
    VALUE errinfo = cp->dfp[-2]; /* #$! */
    if (RB_TYPE_P(errinfo, T_NODE)) {
        VALUE *escape_dfp = GET_THROWOBJ_CATCH_POINT(errinfo);
        if (!ENV_IN_HEAP_P(th, escape_dfp)) {
            VALUE dfpval = *escape_dfp;
            if (CLASS_OF(dfpval) == rb_cEnv) {
                rb_env_t *dfpenv;
                GetEnvPtr(dfpval, dfpenv);
                SET_THROWOBJ_CATCH_POINT(errinfo, (VALUE)(dfpenv->env + dfpenv->local_size));
            }
        }
    }
}
```
GetEnvPtr(dfpenv, dfpenv);

SET_THROWOBJ_CATCH_POINT(errinfo, (VALUE)(dfpenv->env + dfpenv->local_size));
}
}
}
}
}

cfp = RUBY_VM_PREVIOUS_CONTROL_FRAME(cfp);
}

void

Associated revisions

Revision e5463024 - 07/01/2012 05:46 AM - ktsj (Kazuki Tsujimoto)

- KNOWNBUGS.rb: add tests. [ruby-dev:45656] [Bug #6460]
git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@36259 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 36259 - 07/01/2012 05:46 AM - ktsj (Kazuki Tsujimoto)

- KNOWNBUGS.rb: add tests. [ruby-dev:45656] [Bug #6460]

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Revision 36259 - 07/01/2012 05:46 AM - ktsj (Kazuki Tsujimoto)

- KNOWNBUGS.rb: add tests. [ruby-dev:45656] [Bug #6460]

Revision 309cef7e - 07/03/2012 10:17 AM - naruse (Yui NARUSE)
merge revision(s) 36259:

* KNOWNBUGS.rb: add tests. [ruby-dev:45656] [Bug #6460]
Revision 54952586 - 07/03/2012 10:20 AM - naruse (Yui NARUSE)

- proc.c (rb_vm_rewrite_dfp_in_errinfo): Fix `unexpected return' occurs when a proc is called in ensure. [Backport #6460]

Revision f7894e42 - 11/02/2012 07:14 PM - nobu (Nobuyoshi Nakada)

vm.c: rewrite all catch points

- vm.c (rb_vm_rewrite_ep_in_errinfo): rewrite all catch points in errinfo, not only the topmost frame. based on the patch by ktsj (Kazuki Tsujimoto) in [ruby-dev:45656], [Bug #6460]

Revision 37430 - 11/02/2012 07:14 PM - nobu (Nobuyoshi Nakada)

vm.c: rewrite all catch points

- vm.c (rb_vm_rewrite_ep_in_errinfo): rewrite all catch points in errinfo, not only the topmost frame. based on the patch by ktsj (Kazuki Tsujimoto) in [ruby-dev:45656], [Bug #6460]
This issue was solved with changeset r36259.
Kazuki, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

- # KNOWNBUGS.rb: add tests. [ruby-dev:45656] [Bug #6460]

#3 - 07/01/2012 07:12 PM - ktsj (Kazuki Tsujimoto)
- Tracker changed from Bug to Backport
- Project changed from Ruby master to Backport193
- Category deleted (YARV)
- Status changed from Closed to Assigned
- Assignee changed from ko1 (Koichi Sasada) to naruse (Yui NARUSE)

#4 - 07/01/2012 07:13 PM - ktsj (Kazuki Tsujimoto)
- File 6460-1_9_3.patch added

#5 - 07/03/2012 07:17 PM - naruse (Yui NARUSE)
- Status changed from Assigned to Closed

This issue was solved with changeset r36286.
Kazuki, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

merge revision(s) 36259:

* KNOWNBUGS.rb: add tests. [ruby-dev:45656] [Bug #6460]

#6 - 11/02/2012 10:40 AM - nobu (Nobuyoshi Nakada)
- Status changed from Closed to Open

```ruby
=begin

```

```
```
```
```
```
```
```
```
```
```
class C
  def m1
    m2{|e|
      return
    }
  end

  def m2
    begin
      yield :foo
    ensure
      begin
        yield :foo
      ensure
        Proc.new
        raise ''
      end
    rescue
    end
  end
end

C.new.m1

#8 - 11/03/2012 04:21 AM - nobu (Nobuyoshi Nakada)
  - Tracker changed from Backport to Bug
  - Project changed from Backport193 to Ruby master

#9 - 11/03/2012 04:22 AM - nobu (Nobuyoshi Nakada)
  - Status changed from Open to Closed
  - ruby -v set to trunk

Files
6460-1_9_3.patch  3.6 KB  07/01/2012  ktsj (Kazuki Tsujimoto)