Ruby master - Bug #7995
RubyVM::InstructionSequence to_a not working for blocks
03/02/2013 01:44 AM - mmeltner (Michael Meltner)

Status: Closed
Priority: Normal
Assignee: ko1 (Koichi Sasada)
Target version: 2.2.0
ruby -v:
Backport:

Description
Hello,

I try to convert this code into an array via RubyVM::InstructionSequence:

```ruby
def test
  yield
end
test do
  puts "hi there"
end
```

then read it back via "iseq_s_load".

This causes an error that there is no block defined:
```
:in test': no block given (yield) (LocalJumpError)
from <compiled>:in'
```

I assume there is a bug in iseq.c, line 1778:
```
rb_hash_aset(e, ID2SYM(rb_intern("blockptr")), ci->blockiseq ? seq_data_to_ary(ci->blockiseq) : Qnil);
```
as the corresponding line in compile.c is this:
```
VALUE vblock = rb_hash_aref(op, ID2SYM(rb_intern("block")));
```

so is the symbol name mixed up between "block" and "blockptr"?

Michael

Related issues:
Is duplicate of Ruby master - Bug #9455: Blocks do not round-trip properly th...
Closed 01/27/2014

History
#1 - 03/09/2013 10:42 PM - nagachika (Tomoyuki Chikanaga)
- Tracker changed from Backport to Bug
- Project changed from Backport200 to Ruby master
- Status changed from Open to Assigned
- Assignee set to ko1 (Koichi Sasada)

Backport 200 is project for backport tickets. I'll move it to ruby-trunk.

#2 - 09/30/2013 08:27 PM - ko1 (Koichi Sasada)
- Category set to YARV
- Target version set to 2.1.0
- ruby -v set to -

#3 - 01/30/2014 06:16 AM - hsbt (Hiroshi SHIBATA)
- Target version changed from 2.1.0 to 2.2.0

03/20/2022
#4 - 12/22/2014 03:08 AM - wanabe (_ wanabe)
- Is duplicate of Bug #9455: Blocks do not round-trip properly through ISeq dump/load added

#5 - 12/22/2014 03:10 AM - wanabe (_ wanabe)
- Status changed from Assigned to Closed

Fixed at r44720, #9455.