

Ruby - Bug #4029

Stack consistency error (sp: 7, bp: 8) using external libs

11/06/2010 07:09 AM - catswhiskers (Andrew Senior)

Status: Rejected Priority: Normal Assignee: ko1 (Koichi Sasada) Target version: 1.9.3 ruby -v: ruby 1.9.2p0 (2010-08-18) [armv7l-linux-eabi]	Backport:
Description =begin cat example_ext.c #include "ruby.h" VALUE cMyClass; static VALUE my_func(VALUE receiver, VALUE args) { int offset; for (offset = 0; offset < 6; offset ++) { switch (TYPE(RARRAY_PTR(args)[offset])) { case T_STRING: printf("Arg reads %s\n", RSTRING_PTR(RARRAY_PTR(args)[offset])); break ; case T_DATA: printf("Data \n"); break ; case T_SYMBOL: printf("Symbol \n"); break ; case T_ARRAY: printf("Array \n"); break ; case T_HASH: printf("Hash \n"); break ; case T_OBJECT: printf("Object \n"); break ; case T_NIL: printf("Nil \n"); break ; case T_FIXNUM: printf("Fnum \n"); break ; case T_BIGNUM: printf("Bnum \n"); break ; case T_CLASS: printf("Class \n"); break ;/* */ default: rb_p(TYPE(RARRAY_PTR(args)[offset])); printf("index %d\n", offset); } } } static VALUE my_init(VALUE self) { return self; }	

```

}

VALUE cMyClass;
void Init_example_ext(void)
{
  cMyClass = rb_define_class("MyClass", rb_cObject);
  rb_define_method(cMyClass, "initialize", my_init, 0);
  rb_define_method(cMyClass, "my_meth", my_func, -2);
}

```

```

cat probe.rb
require 'example_ext'
x = MyClass.new
WT = 0
win = File.new('test/proto.rb')
x.my_meth( nil, win, [], "sept", WT, x ) <<<<<<<< OK
x.my_meth( nil, win, [], "sept", x, WT ) <<<<<<<< BUT
probe.rb:6: [BUG] Stack consistency error (sp: 7, bp: 8)
ruby 1.9.2p0 (2010-08-18) [armv7l-linux-eabi]

```

-- control frame -----

c:0003 p:0113 s:0007 b:0008 l:000244 d:001214 EVAL probe.rb:6

c:0002 p:---- s:0004 b:0004 l:000003 d:000003 FINISH

c:0001 p:0000 s:0002 b:0002 l:000244 d:000244 TOP

-- Ruby level backtrace information -----
 probe.rb:6:in ``

-- C level backtrace information -----

Not had time to test this in x86 systems. Tried with ruby 1.9.2p0 (2010-08-18) and latest stable tarball.
 =end

History

#1 - 11/07/2010 06:39 PM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Feedback

```

=begin
I can't reproduce it with 1.9.2p430 and trunk on x86 darwin and linux, regardless fix of a bug that my_func() returns indefinite value.
=end

```

#2 - 06/26/2011 04:10 PM - naruse (Yui NARUSE)

- Status changed from Feedback to Assigned

- Assignee set to ko1 (Koichi Sasada)

Do you have any information?

#3 - 06/26/2011 04:16 PM - nahi (Hiroshi Nakamura)

- Target version changed from 1.9.2 to 1.9.3

#4 - 06/26/2011 07:26 PM - ko1 (Koichi Sasada)

- Status changed from Assigned to Rejected

Is it reproducible? If so, we'll reopen it.