

Ruby trunk - Bug #7492

Segmentation fault at DL::TestDL#test_call_double on x64 Windows 8

12/02/2012 12:22 PM - phasis68 (Heesob Park)

Status:	Closed	
Priority:	Normal	
Assignee:	tenderlovmaking (Aaron Patterson)	
Target version:		
ruby -v:	ruby 2.0.0dev (2012-12-02 trunk 38132) [x64-mswin64_110]	Backport:

Description

I can see the following segmentation fault with trunk build with x64 VC 2012 on Windows 8.

```
C:\work\snapshot-ms64>nmake test-all TESTS="dl/test_dl2.rb"
```

```
Microsoft(R) Program Maintenance Utility [?] 11.00.50727.1  
Copyright (c) Microsoft Corporation. All rights reserved.
```

```
CC = cl -nologo  
LD = cl -nologo  
LDSHARED = cl -nologo -LD  
CFLAGS = -MD -Zi -W2 -wd4996 -we4028 -we4142 -O2sy- -Zm600  
XCFLAGS = -DRUBY_EXPORT -I. -I.ext/include/x64-mswin64_110 -I./include -I. -I./missing  
CPPFLAGS =  
DLDFLAGS = -incremental:no -debug -opt:ref -opt:icf -dll  
SOLIBS =  
. \ruby.exe -I./lib -I".ext/x64-mswin64_110" -I. "/tool/runruby.rb" --extout=".ext" -- --disa  
ble-gems "/test/runner.rb" --ruby=". \ruby.exe -I./lib -I".ext/x64-mswin64_110" -I. "/tool/runrub  
y.rb" --extout=".ext" -- --disable-gems" dl/test_dl2.rb
```

```
Run options: "--ruby=. \ruby.exe -I./lib -I.ext/x64-mswin64_110 -I. /tool/runruby.rb --extout=.ext -- --disable-gems"
```

Running tests:

```
[ 2/18] DL::TestDL#test_call_doubleC:/work/snapshot-ms64/test/dl/test_dl2.rb:89:
```

```
[BUG] Segmentation fault
```

```
ruby 2.0.0dev (2012-12-02 trunk 38132) [x64-mswin64_110]
```

```
-- Control frame information -----
```

```
c:0023 p:---- s:0106 e:000105 CFUNC :call  
c:0022 p:0051 s:0102 e:000101 METHOD C:/work/snapshot-ms64/test/dl/test_dl2.rb:89  
c:0021 p:0041 s:0097 e:000096 METHOD C:/work/snapshot-ms64/lib/test/unit.rb:852  
c:0020 p:0074 s:0092 e:000091 METHOD C:/work/snapshot-ms64/lib/minitest/unit.rb:1301  
c:0019 p:0021 s:0084 e:000083 METHOD C:/work/snapshot-ms64/lib/test/unit/testcase.rb:17  
c:0018 p:0077 s:0080 e:000079 BLOCK C:/work/snapshot-ms64/lib/minitest/unit.rb:919 [FINISH]  
c:0017 p:---- s:0074 e:000073 CFUNC :map  
c:0016 p:0103 s:0071 e:000070 METHOD C:/work/snapshot-ms64/lib/minitest/unit.rb:912  
c:0015 p:0018 s:0063 e:000061 BLOCK C:/work/snapshot-ms64/lib/test/unit.rb:651  
[FINISH]  
c:0014 p:---- s:0058 e:000057 CFUNC :each  
c:0013 p:0074 s:0055 e:000054 METHOD C:/work/snapshot-ms64/lib/test/unit.rb:649  
c:0012 p:0147 s:0049 e:000048 METHOD C:/work/snapshot-ms64/lib/minitest/unit.rb:867  
c:0011 p:0009 s:0039 e:000038 METHOD C:/work/snapshot-ms64/lib/minitest/unit.rb:1060  
c:0010 p:0010 s:0036 e:000035 BLOCK C:/work/snapshot-ms64/lib/minitest/unit.rb:1047 [FINISH]  
c:0009 p:---- s:0033 e:000032 CFUNC :each  
c:0008 p:0042 s:0030 e:000029 METHOD C:/work/snapshot-ms64/lib/minitest/unit.rb:1046  
c:0007 p:0019 s:0026 e:000025 METHOD C:/work/snapshot-ms64/lib/minitest/unit.rb:1035  
c:0006 p:0021 s:0022 e:000021 METHOD C:/work/snapshot-ms64/lib/test/unit.rb:21  
c:0005 p:0011 s:0018 e:000017 METHOD C:/work/snapshot-ms64/lib/test/unit.rb:768  
c:0004 p:0040 s:0013 e:000012 METHOD C:/work/snapshot-ms64/lib/test/unit.rb:828  
c:0003 p:0012 s:0010 e:000009 METHOD C:/work/snapshot-ms64/lib/test/unit.rb:832
```

c:0002 p:0180 s:0006 e:000440 EVAL ./test/runner.rb:17 [FINISH]
c:0001 p:0000 s:0002 e:002198 TOP [FINISH]

./test/runner.rb:17:in <main>
C:/work/snapshot-ms64/lib/test/unit.rb:832:inrun'
C:/work/snapshot-ms64/lib/test/unit.rb:828:in run'
C:/work/snapshot-ms64/lib/test/unit.rb:768:inrun'
C:/work/snapshot-ms64/lib/test/unit.rb:21:in run'
C:/work/snapshot-ms64/lib/minitest/unit.rb:1035:inrun'
C:/work/snapshot-ms64/lib/minitest/unit.rb:1046:in _run'
C:/work/snapshot-ms64/lib/minitest/unit.rb:1046:ineach'
C:/work/snapshot-ms64/lib/minitest/unit.rb:1047:in block in _run'
C:/work/snapshot-ms64/lib/minitest/unit.rb:1060:inrun_tests'
C:/work/snapshot-ms64/lib/minitest/unit.rb:867:in _run_anything'
C:/work/snapshot-ms64/lib/test/unit.rb:649:in_run_suites'
C:/work/snapshot-ms64/lib/test/unit.rb:649:in each'
C:/work/snapshot-ms64/lib/test/unit.rb:651:inblock in _run_suites'
C:/work/snapshot-ms64/lib/minitest/unit.rb:912:in _run_suite'
C:/work/snapshot-ms64/lib/minitest/unit.rb:912:inmap'
C:/work/snapshot-ms64/lib/minitest/unit.rb:919:in block in _run_suite'
C:/work/snapshot-ms64/lib/test/unit/testcase.rb:17:inrun'
C:/work/snapshot-ms64/lib/minitest/unit.rb:1301:in run'
C:/work/snapshot-ms64/lib/test/unit.rb:852:inrun_test'
C:/work/snapshot-ms64/test/dl/test_dl2.rb:89:in test_call_double'
C:/work/snapshot-ms64/test/dl/test_dl2.rb:89:incall'

-- C level backtrace information -----

C:\WINDOWS\SYSTEM32\ntdll.dll(NtWaitForSingleObject+0xa) [0x000007FB32122C2A]
C:\WINDOWS\system32\KERNELBASE.dll(WaitForSingleObjectEx+0x9a) [0x000007FB2F4210EA]
C:\work\snapshot-ms64\x64-msvc110-ruby200.dll(rb_vm_bugreport+0x98) [0x000007FB18AE334C]
c:\work\snapshot-ms64\vm_dump.c:668
C:\work\snapshot-ms64\x64-msvc110-ruby200.dll(report_bug+0x112) [0x000007FB18A43CA2] c:\work\snapshot-ms64\error.c:308
C:\work\snapshot-ms64\x64-msvc110-ruby200.dll(rb_bug+0x49) [0x000007FB18A42725] c:\work\snapshot-ms64\error.c:329
C:\work\snapshot-ms64\x64-msvc110-ruby200.dll(sigsegv+0x48) [0x000007FB18A8FD8C] c:\work\snapshot-ms64\signal.c:629
C:\WINDOWS\SYSTEM32\MSVCR110.dll(XcptFilter+0x1a9) [0x000007FB2517F2B5]
C:\work\snapshot-ms64\ruby.exe(**tmainCRTStartup\$filt\$0+0x16**) [**0x000007F6870516D6**]
f:\dd\vctools\crt_bld\self_64_amd64\crt\src\crtexe.c:553
C:\WINDOWS\SYSTEM32\MSVCR110.dll(_C_specific_handler+0x93) [0x000007FB2517E66F]
C:\WINDOWS\SYSTEM32\ntdll.dll(RtlLookupFunctionEntry+0x26d) [0x000007FB3214464D]
C:\WINDOWS\SYSTEM32\ntdll.dll(DbgPrint+0x47c) [0x000007FB3214567C]
C:\WINDOWS\SYSTEM32\ntdll.dll(KiUserExceptionDispatcher+0x2e) [0x000007FB32124BBA]
C:\WINDOWS\SYSTEM32\MSVCR110.dll(atoi+0x63) [0x000007FB2514DF87]
C:\work\snapshot-ms64.ext\x64-mswin64_110\dl.so(rb_dlcfunc_call+0x20b) [0x000007FB26F714C7]
c:\work\snapshot-ms64\ext\dl\cfunc.c:476
C:\work\snapshot-ms64\x64-msvc110-ruby200.dll(vm_call_cfunc_with_frame+0x12d) [0x000007FB18A38C59]
c:\work\snapshot-ms64\vm_inshelper.c:1464
C:\work\snapshot-ms64\x64-msvc110-ruby200.dll(vm_call_method+0x386) [0x000007FB18A393F2]
c:\work\snapshot-ms64\vm_inshelper.c:1715
C:\work\snapshot-ms64\x64-msvc110-ruby200.dll(vm_exec_core+0x1317) [0x000007FB18A3B9EF]
c:\work\snapshot-ms64\insns.def:1010
C:\work\snapshot-ms64\x64-msvc110-ruby200.dll(vm_exec+0xac) [0x000007FB18A3A0E4]
c:\work\snapshot-ms64\vm.c:1157
C:\work\snapshot-ms64\x64-msvc110-ruby200.dll(invoke_block_from_c+0x1b5) [0x000007FB18A329F1]
c:\work\snapshot-ms64\vm.c:627
C:\work\snapshot-ms64\x64-msvc110-ruby200.dll(rb_yield_0+0x57) [0x000007FB18A37533]
c:\work\snapshot-ms64\vm_eval.c:869
C:\work\snapshot-ms64\x64-msvc110-ruby200.dll(rb_yield+0x24) [0x000007FB18A374D4]
c:\work\snapshot-ms64\vm_eval.c:880
C:\work\snapshot-ms64\x64-msvc110-ruby200.dll(rb_ary_collect+0xad) [0x000007FB18A4909D]
c:\work\snapshot-ms64\array.c:2538
C:\work\snapshot-ms64\x64-msvc110-ruby200.dll(vm_call_cfunc_with_frame+0x12d) [0x000007FB18A38C59]
c:\work\snapshot-ms64\vm_inshelper.c:1464
C:\work\snapshot-ms64\x64-msvc110-ruby200.dll(vm_call_method+0x386) [0x000007FB18A393F2]
c:\work\snapshot-ms64\vm_inshelper.c:1715
C:\work\snapshot-ms64\x64-msvc110-ruby200.dll(vm_exec_core+0x1389) [0x000007FB18A3BA61]
c:\work\snapshot-ms64\insns.def:995
C:\work\snapshot-ms64\x64-msvc110-ruby200.dll(vm_exec+0xac) [0x000007FB18A3A0E4]

```

c:\work\snapshot-ms64\vm.c:1157
C:\work\snapshot-ms64\x64-msvcr110-ruby200.dll(invoke_block_from_c+0x1b5) [0x000007FB18A329F1]
c:\work\snapshot-ms64\vm.c:627
C:\work\snapshot-ms64\x64-msvcr110-ruby200.dll(rb_yield_0+0x57) [0x000007FB18A37533]
c:\work\snapshot-ms64\vm_eval.c:869
C:\work\snapshot-ms64\x64-msvcr110-ruby200.dll(rb_yield+0x24) [0x000007FB18A374D4]
c:\work\snapshot-ms64\vm_eval.c:880
C:\work\snapshot-ms64\x64-msvcr110-ruby200.dll(rb_ary_each+0xa4) [0x000007FB18A4A1DC]
c:\work\snapshot-ms64\array.c:1677
C:\work\snapshot-ms64\x64-msvcr110-ruby200.dll(vm_call_cfunc_with_frame+0x12d) [0x000007FB18A38C59]
c:\work\snapshot-ms64\vm_insnhelper.c:1464
C:\work\snapshot-ms64\x64-msvcr110-ruby200.dll(vm_call_method+0x386) [0x000007FB18A393F2]
c:\work\snapshot-ms64\vm_insnhelper.c:1715
C:\work\snapshot-ms64\x64-msvcr110-ruby200.dll(vm_exec_core+0x1389) [0x000007FB18A3BA61]
c:\work\snapshot-ms64\insns.def:995
C:\work\snapshot-ms64\x64-msvcr110-ruby200.dll(vm_exec+0xac) [0x000007FB18A3A0E4]
c:\work\snapshot-ms64\vm.c:1157
C:\work\snapshot-ms64\x64-msvcr110-ruby200.dll(invoke_block_from_c+0x1b5) [0x000007FB18A329F1]
c:\work\snapshot-ms64\vm.c:627
C:\work\snapshot-ms64\x64-msvcr110-ruby200.dll(rb_yield_0+0x57) [0x000007FB18A37533]
c:\work\snapshot-ms64\vm_eval.c:869
C:\work\snapshot-ms64\x64-msvcr110-ruby200.dll(rb_yield+0x24) [0x000007FB18A374D4]
c:\work\snapshot-ms64\vm_eval.c:880
C:\work\snapshot-ms64\x64-msvcr110-ruby200.dll(rb_ary_each+0xa4) [0x000007FB18A4A1DC]
c:\work\snapshot-ms64\array.c:1677
C:\work\snapshot-ms64\x64-msvcr110-ruby200.dll(vm_call_cfunc_with_frame+0x12d) [0x000007FB18A38C59]
c:\work\snapshot-ms64\vm_insnhelper.c:1464
C:\work\snapshot-ms64\x64-msvcr110-ruby200.dll(vm_call_method+0x386) [0x000007FB18A393F2]
c:\work\snapshot-ms64\vm_insnhelper.c:1715
C:\work\snapshot-ms64\x64-msvcr110-ruby200.dll(vm_exec_core+0x1389) [0x000007FB18A3BA61]
c:\work\snapshot-ms64\insns.def:995
C:\work\snapshot-ms64\x64-msvcr110-ruby200.dll(vm_exec+0xac) [0x000007FB18A3A0E4]
c:\work\snapshot-ms64\vm.c:1157
C:\work\snapshot-ms64\x64-msvcr110-ruby200.dll(rb_iseq_eval_main+0x7c) [0x000007FB18A350FC]
c:\work\snapshot-ms64\vm.c:1405
C:\work\snapshot-ms64\x64-msvcr110-ruby200.dll(ruby_exec_internal+0xb1) [0x000007FB189F6D69]
c:\work\snapshot-ms64\eval.c:255
C:\work\snapshot-ms64\x64-msvcr110-ruby200.dll(ruby_exec_node+0x1d) [0x000007FB189F6DB9]
c:\work\snapshot-ms64\eval.c:316
C:\work\snapshot-ms64\x64-msvcr110-ruby200.dll(ruby_run_node+0x30) [0x000007FB189F700C]
c:\work\snapshot-ms64\eval.c:307
C:\work\snapshot-ms64\ruby.exe(main+0x40) [0x000007F687051040] c:\work\snapshot-ms64\main.c:38
C:\work\snapshot-ms64\ruby.exe(tmainCRTStartup+0x10f) [0x000007F6870512A7]
f:\dd\vctools\crt_bld\self_64_amd64\crt\src\crtexe.c:536
C:\WINDOWS\system32\KERNEL32.DLL(BaseThreadInitThunk+0x1a) [0x000007FB3009167E]

```

-- Other runtime information -----

- Loaded script: ./test/runner.rb: DL::TestDL#test_call_double
- Loaded features:
 - 0 enumerator.so
 - 1 C:/work/snapshot-ms64/.ext/x64-mswin64_110/enc/encdb.so
 - 2 C:/work/snapshot-ms64/.ext/x64-mswin64_110/enc/cp949.so
 - 3 C:/work/snapshot-ms64/.ext/x64-mswin64_110/enc/trans/transdb.so
 - 4 C:/work/snapshot-ms64/rbconfig.rb
 - 5 C:/work/snapshot-ms64/lib/optparse.rb
 - 6 C:/work/snapshot-ms64/lib/thread.rb
 - 7 C:/work/snapshot-ms64/lib/minitest/parallel_each.rb
 - 8 C:/work/snapshot-ms64/lib/minitest/unit.rb
 - 9 C:/work/snapshot-ms64/lib/prettyprint.rb
 - 10 C:/work/snapshot-ms64/lib/pp.rb
 - 11 C:/work/snapshot-ms64/lib/test/unit/assertions.rb
 - 12 C:/work/snapshot-ms64/lib/test/unit/testcase.rb
 - 13 C:/work/snapshot-ms64/lib/test/unit.rb
 - 14 C:/work/snapshot-ms64/lib/open3.rb

```
15 C:/work/snapshot-ms64/lib/timeout.rb
16 C:/work/snapshot-ms64/.ext/x64-mswin64_110/enc/trans/korean.so
17 C:/work/snapshot-ms64/test/ruby/envutil.rb
18 C:/work/snapshot-ms64/.ext/x64-mswin64_110/dl.so
19 C:/work/snapshot-ms64/.ext/common/dl.rb
20 C:/work/snapshot-ms64/test/dl/test_base.rb
21 C:/work/snapshot-ms64/.ext/common/dl/callback.rb
22 C:/work/snapshot-ms64/.ext/common/dl/stack.rb
23 C:/work/snapshot-ms64/.ext/common/dl/value.rb
24 C:/work/snapshot-ms64/.ext/common/dl/func.rb
25 C:/work/snapshot-ms64/.ext/common/dl/pack.rb
26 C:/work/snapshot-ms64/test/dl/test_dl2.rb
27 C:/work/snapshot-ms64/.ext/x64-mswin64_110/enc/utf_16le.so
28 C:/work/snapshot-ms64/.ext/x64-mswin64_110/enc/trans/utf_16_32.so
29 C:/work/snapshot-ms64/.ext/x64-mswin64_110/enc/trans/single_byte.so
30 C:/work/snapshot-ms64/.ext/x64-mswin64_110/io/console.so
```

[NOTE]

You may have encountered a bug in the Ruby interpreter or extension libraries.
Bug reports are welcome.

For details: <http://www.ruby-lang.org/bugreport.html>

NMAKE : fatal error U1077: '.\ruby.exe' : '0x3' 00 000000.
Stop.

History

#1 - 12/02/2012 12:33 PM - zzak (Zachary Scott)

- Category set to ext

- Assignee set to tenderlovmaking (Aaron Patterson)

- Target version set to 2.0.0

Assigning this to Aaron, thank you!

#2 - 12/02/2012 09:14 PM - phasis68 (Heesob Park)

The segment fault is due to the wrong pack type "l!" on 64bit Windows.

Here is a patch:

```
diff --git a/test_dl2.rb b/test_dl2.rb.new
index 88ef086..231f082 100644
--- a/test_dl2.rb
+++ b/test_dl2.rb.new
@@ -28,7 +28,7 @@ class TestDL < TestBase
   assert_equal ptr_id, ptr.to_i

   cfunc = CFunc.new(@libc['strcpy'], TYPE_VOIDP, 'strcpy')
-   cfunc.call([ptr_id, str].pack("l!p").unpack("l!*"))
+   cfunc.call([ptr_id, str].pack(PackInfo::PACK_MAP[TYPE_VOIDP]+"p").unpack(PackInfo::PACK_MAP[TYPE_
VOIDP]+"*"))
   assert_equal("abc\0", ptr[0,4])
   DL.free ptr_id
end
@@ -51,7 +51,7 @@ class TestDL < TestBase
   assert_equal ptr_id, ptr.to_i

   cfunc = CFunc.new(@libc['strcpy'], TYPE_VOIDP, 'strcpy')
-   cfunc.call([ptr_id, str].pack("l!p").unpack("l!*"))
+   cfunc.call([ptr_id, str].pack(PackInfo::PACK_MAP[TYPE_VOIDP]+"p").unpack(PackInfo::PACK_MAP[TYPE_
VOIDP]+"*"))
   assert_equal("abc\0", ptr[0,4])
   DL.free ptr_id
end
@@ -67,30 +67,30 @@ class TestDL < TestBase

def test_call_int()
  cfunc = CFunc.new(@libc['atoi'], TYPE_INT, 'atoi')
-  x = cfunc.call(["100"].pack("p").unpack("l!*"))
```

```

+   x = cfunc.call(["100"].pack("p").unpack(PackInfo::PACK_MAP[TYPE_VOIDP]+"*))
   assert_equal(100, x)

   cfunc = CFunc.new(@libc['atoi'], TYPE_INT, 'atoi')
-   x = cfunc.call(["-100"].pack("p").unpack("l!*"))
+   x = cfunc.call(["-100"].pack("p").unpack(PackInfo::PACK_MAP[TYPE_VOIDP]+"*))
   assert_equal(-100, x)
end

def test_call_long()
  cfunc = CFunc.new(@libc['atol'], TYPE_LONG, 'atol')
-  x = cfunc.call(["100"].pack("p").unpack("l!*"))
+  x = cfunc.call(["100"].pack("p").unpack(PackInfo::PACK_MAP[TYPE_VOIDP]+"*))
  assert_equal(100, x)
  cfunc = CFunc.new(@libc['atol'], TYPE_LONG, 'atol')
-  x = cfunc.call(["-100"].pack("p").unpack("l!*"))
+  x = cfunc.call(["-100"].pack("p").unpack(PackInfo::PACK_MAP[TYPE_VOIDP]+"*))
  assert_equal(-100, x)
end

def test_call_double()
  cfunc = CFunc.new(@libc['atof'], TYPE_DOUBLE, 'atof')
-  x = cfunc.call(["0.1"].pack("p").unpack("l!*"))
+  x = cfunc.call(["0.1"].pack("p").unpack(PackInfo::PACK_MAP[TYPE_VOIDP]+"*))
  assert_in_delta(0.1, x)

  cfunc = CFunc.new(@libc['atof'], TYPE_DOUBLE, 'atof')
-  x = cfunc.call(["-0.1"].pack("p").unpack("l!*"))
+  x = cfunc.call(["-0.1"].pack("p").unpack(PackInfo::PACK_MAP[TYPE_VOIDP]+"*))
  assert_in_delta(-0.1, x)
end

@@ -110,7 +110,7 @@ class TestDL < TestBase

  def test_strlen()
    cfunc = CFunc.new(@libc['strlen'], TYPE_INT, 'strlen')
-    x = cfunc.call(["abc"].pack("p").unpack("l!*"))
+    x = cfunc.call(["abc"].pack("p").unpack(PackInfo::PACK_MAP[TYPE_VOIDP]+"*))
    assert_equal("abc".size, x)
  end
end

```

#3 - 12/21/2012 10:26 PM - usa (Usaku NAKAMURA)

- Status changed from Open to Assigned

#4 - 02/19/2013 12:39 AM - mame (Yusuke Endoh)

- Target version changed from 2.0.0 to 2.6

Just an issue of test.

--

Yusuke Endoh mame@tsg.ne.jp

#5 - 08/15/2013 04:58 AM - zzak (Zachary Scott)

park-san can you reproduce this still?

#6 - 08/15/2013 11:42 PM - phasis68 (Heesob Park)

Yes, of course. I can reproduce it with snapshot still.

Why you ignore my patch?

BTW, I do not want to be called as -san because I am not a Japanese.

#7 - 08/16/2013 01:53 AM - zzak (Zachary Scott)

The patch seems good, but I cannot test without a windows env.

On Aug 15, 2013, at 10:42 AM, "phasis68 (Heesob Park)" phasis@gmail.com wrote:

BTW, I do not want to be called as -san because I am not a Japanese.

Oh, sorry! Please forgive my ignorance.

#8 - 12/06/2013 09:57 AM - phasis68 (Heesob Park)

I am curious why my simple and obvious patch not accepted over 1 year.

#9 - 12/06/2013 12:46 PM - hsbt (Hiroshi SHIBATA)

- Target version changed from 2.6 to 2.1.0

phasis68

Thank you your nudge.

tenderlove

Can you handle this until release of 2.1.0?

#10 - 12/06/2013 05:46 PM - vo.x (Vit Ondruch)

This seems to be related to [#6592](#), although I have not experienced segfaults as you.

#11 - 12/13/2013 12:03 AM - zzak (Zachary Scott)

I don't see the segfault on rubyci.org[1] either, can anyone reproduce this?

1: <http://ruby-mswin.cloudapp.net/vc10-x64/ruby-trunk/log/20131212T131655Z.log.html.gz>

#12 - 12/13/2013 12:03 AM - zzak (Zachary Scott)

- Status changed from Assigned to Feedback

#13 - 12/13/2013 11:09 AM - phasis68 (Heesob Park)

rubyci.org platform is Windows 7.

You can see the segfault on 64 bit Windows 8.x with x64 VC++ 2012 or 2013 compiler.

It seems that nobody here but me care for Ruby on Windows 8.

#14 - 12/13/2013 11:19 AM - zzak (Zachary Scott)

Can we setup a build for that? Or perhaps we can set it up on travis?

#15 - 12/13/2013 12:26 PM - phasis68 (Heesob Park)

Why you are reluctant to apply my patch?

In Windows 7, it is a latent bug.

It is not causing any incompatibility but only affects Windows 64 bit.

Almost platforms except Windows 64 bit, DL::PackInfo::PACK_MAP[DL::TYPE_VOIDP] is "!"

```
C:\Users\phasis>ruby -v
ruby 2.0.0p353 (2013-11-22) [i386-mingw32]
```

```
C:\Users\phasis>irb
DL is deprecated, please use Fiddle
irb(main):001:0> require 'dl/pack'
=> true
irb(main):002:0> DL::PackInfo::PACK_MAP[DL::TYPE_VOIDP]
=> "!"
```

On Windows 64 bit, DL::PackInfo::PACK_MAP[DL::TYPE_VOIDP] is "q"

```
C:\Users\phasis>ruby -v
ruby 2.0.0p247 (2013-06-27) [x64-mingw32]
```

```
C:\Users\phasis>irb
DL is deprecated, please use Fiddle
irb(main):001:0> require 'dl/pack'
=> true
irb(main):002:0> DL::PackInfo::PACK_MAP[DL::TYPE_VOIDP]
=> "q"
```

#16 - 12/13/2013 04:53 PM - zzak (Zachary Scott)

Only because I can't test it

#17 - 12/13/2013 04:59 PM - phasis68 (Heesob Park)

2013/12/13 Zachary Scott e@zzak.io:

Only because I can't test it
I understand you. But nobody can test all the platforms.
I can test it on Windows 8.
Besides, this is not a ruby source code, but a test code.

I already waited a year without this patch and can wait for one more year.

#18 - 01/30/2014 06:16 AM - hsbt (Hiroshi SHIBATA)

- *Target version changed from 2.1.0 to 2.2.0*

#19 - 03/16/2014 08:52 PM - zzak (Zachary Scott)

@heesob Could you reupload your patch?

It seems the RTE migration ate your old patch :(

#20 - 03/17/2014 01:23 AM - phasis68 (Heesob Park)

- *File dl2.patch added*

I uploaded the patch for the trunk.

#21 - 12/18/2014 05:20 PM - tenderlovmaking (Aaron Patterson)

DL is removed from trunk. Should we still apply this to 2.1 and older?

#22 - 01/05/2018 09:00 PM - naruse (Yui NARUSE)

- *Target version deleted (2.2.0)*

#23 - 01/10/2019 12:32 AM - tenderlovmaking (Aaron Patterson)

- *Status changed from Feedback to Closed*

These tests were removed in r48217, so I'm closing this.

Files

dl2.patch	2.57 KB	03/17/2014	phasis68 (Heesob Park)
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