

Ruby - Bug #2319

gethostbyname fails in windows

11/01/2009 07:17 AM - rogerdpack (Roger Pack)

Status:	Closed	Backport:
Priority:	Normal	
Assignee:	nobu (Nobuyoshi Nakada)	
Target version:		
ruby -v:	ruby 1.9.2dev (2009-10-26 trunk 25491) [i386-mingw32]	
Description		
<pre>=begin Unfortunately this appears to prevent me from running other tests... C:\dev\ruby\downloads\ruby_trunk>make test-all ./miniruby.exe -I./lib -I.ext/common -I./- -r./ext/purelib.rb ./tool/runruby.rb --extout=.ext -- "./test/runner.rb" C:/dev/ruby/downloads/ruby_trunk/lib/drbc/drbc.rb:834: [BUG] Segmentation fault ruby 1.9.2dev (2009-11-01 trunk 25603) [i386-mingw32] -- control frame ----- c:0021 p:---- s:0088 b:0088 l:000087 d:000087 CFUNC :gethostbyname c:0020 p:0058 s:0084 b:0084 l:000083 d:000083 METHOD C:/dev/ruby/downloads/ruby_trunk/lib/drbc/drbc.rb:834 c:0019 p:0053 s:0080 b:0080 l:000079 d:000079 METHOD C:/dev/ruby/downloads/ruby_trunk/lib/drbc/ssl.rb:139 c:0018 p:0019 s:0070 b:0070 l:000061 d:000069 BLOCK C:/dev/ruby/downloads/ruby_trunk/lib/drbc/drbc.rb:759 c:0017 p:---- s:0067 b:0067 l:000066 d:000066 FINISH ... gethostbyname works fine with 1.9.1 Thanks! -r =end</pre>		
Related issues:		
Has duplicate Ruby - Bug #2686: Socket::gethostbyname => SEGV		
		Closed 01/29/2010

History

#1 - 11/02/2009 10:59 AM - usa (Usaku NAKAMURA)

- Assignee set to nobu (Nobuyoshi Nakada)

```
=begin
FYI, this problem only occurs with mingw version.
=end
```

#2 - 11/08/2009 02:03 PM - rogerdpack (Roger Pack)

```
=begin
Perhaps it is getting confused between ipv6 and 4? (after compiling with -g3
```

```
(gdb) print *addr
$6 = {sin6_family = -1912, sin6_port = 34, sin6_flowinfo = 1851828526, sin6_addr = {__S6_un = {__S6_u8 = "\u0000\u0000\u0000\u0000\u0000\u0000\u0000\u0000",
__S6_u16 = {31672, 62, 22992, 158,
43120, 28256, 2, 0}, __S6_u32 = {4094904, 10377680, 1851828336, 2}}}, sin6_scope_id = 4102464}
(gdb) c
Continuing.
```

```
Program received signal SIGSEGV, Segmentation fault.
make_hostent_internal (arg=0x6e614d88) at raddrinfo.c:431
431      if (addr->ai_canonname) {
=end
```

#3 - 01/26/2010 12:01 AM - rogerdpack (Roger Pack)

```
=begin
```

Just as a note, this still occurs (I think only with GCC 3.4.5 mingw)

```
e:\dev\digitalarchive_trunk>ruby -rsocket -e 'Socket.gethostbyname("localhost")'
-e:1: [BUG] Segmentation fault
ruby 1.9.2dev (2010-01-24 trunk 26393) [i386-mingw32]
```

-- control frame -----

```
c:0004 p:---- s:0010 b:0010 l:000009 d:000009 CFUNC :gethostbyname
c:0003 p:0017 s:0006 b:0006 l:0021a4 d:0021cc EVAL -e:1
c:0002 p:---- s:0004 b:0004 l:000003 d:000003 FINISH
c:0001 p:0000 s:0002 b:0002 l:0021a4 d:0021a4 TOP
```

```
-e:1:in <main>' -e:1:in gethostbyname'
```

```
Thanks much.
-r
=end
```

#4 - 01/30/2010 10:12 AM - nobu (Nobuyoshi Nakada)

- *Status changed from Open to Feedback*

```
=begin
I can't reproduce it on Windows Vista at all.
What's your platform, and the version of winsock2?
=end
```

#5 - 01/30/2010 10:21 AM - rogerdpack (Roger Pack)

```
=begin
XP Pro, ws2_32.dll => 5.1.2600.5512 (gcc 3.4.5)
=end
```

#6 - 01/30/2010 10:35 AM - nobu (Nobuyoshi Nakada)

```
=begin
Hi,
```

At Sat, 30 Jan 2010 10:21:58 +0900,
Roger Pack wrote in [\[ruby-core:27962\]](#):

```
XP Pro, ws2_32.dll => 5.1.2600.5512 (gcc 3.4.5)
```

It's 6.0.6001.18000 on Vista.

I'll try it on XP, if possible, later.

```
--
Nobu Nakada
```

```
=end
```

#7 - 01/30/2010 08:05 PM - vvs (Vladimir Sizikov)

```
=begin
Easily reproducible on Windows 7 with latest 1.9.2 dev builds (with MINGW):
```

```
D:\work\jruby-dev>pik ruby -rsocket -e "p Socket.gethostbyname('localhost')"
```

```
ruby 1.8.6 (2007-09-24 patchlevel 111) [i386-mswin32]
```

```
["Oxford", [], 2, "\177\000\000\001"]
```

```
ruby 1.8.6 (2009-08-04 patchlevel 383) [i386-mingw32]
```

```
["Oxford", [], 2, "\177\000\000\001"]
```

```
ruby 1.8.7 (2008-08-11 patchlevel 72) [i386-cygwin]
```

```
["Oxford", [], 2, "\177\000\000\001"]
```

```
ruby 1.8.7 (2009-06-12 patchlevel 174) [i386-mswin32]
```

```
["Oxford", [], 2, "\177\000\000\001"]
```

```
ruby 1.9.0 (2008-06-20 revision 17482) [i386-mswin32]
```

```
["Oxford", [], 2, "\x7F\x00\x00\x01"]
```

```
ruby 1.9.1p0 (2009-01-30 revision 21907) [i386-mswin32]
```

```
["Oxford", [], 2, "\x7F\x00\x00\x01"]
```

```
ruby 1.9.1p0 (2009-01-30 revision 21907) [x64-mswin64_80]
```

```
-e:1:in gethostbyname': unknown socket family:23 (SocketError) from -e:1:in '
```

```
ruby 1.9.1p129 (2009-05-12 revision 23412) [i386-mswin32]
```

```
["Oxford", [], 2, "\x7F\x00\x00\x01"]
```

```
ruby 1.9.1p243 (2009-07-16 revision 24175) [i386-mingw32]
```

```
["Oxford", [], 2, "\x7F\x00\x00\x01"]
```

```
ruby 1.9.2dev (2009-07-18) [i386-mswin32]
```

```
["Oxford", [], 2, "\x7F\x00\x00\x01"]
```

```
ruby 1.9.2dev (2009-11-12 trunk 25723) [i386-mingw32]
```

```
-e:1: [BUG] Segmentation fault
```

```
ruby 1.9.2dev (2009-11-12 trunk 25723) [i386-mingw32]
```

```
-- control frame -----
```

```
c:0004 p:---- s:0011 b:0011 l:000010 d:000010 CFUNC :gethostbyname
```

```
c:0003 p:0018 s:0007 b:0006 l:0004ac d:00205c EVAL -e:1
```

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

```
c:0001 p:0000 s:0002 b:0002 l:0004ac d:0004ac TOP
```

```
-e:1:in <main>' -e:1:in gethostbyname'
```

```
[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
```

```
This application has requested the Runtime to terminate it in an unusual way.  
Please contact the application's support team for more information.
```

```
ruby 1.9.2dev (2010-01-25 trunk 26402) [i386-mingw32]
```

```
-e:1: [BUG] Segmentation fault
```

```
ruby 1.9.2dev (2010-01-25 trunk 26402) [i386-mingw32]
```

```
-- control frame -----
```

```
c:0004 p:---- s:0011 b:0011 l:000010 d:000010 CFUNC :gethostbyname
```

```
c:0003 p:0018 s:0007 b:0006 l:00042c d:001b6c EVAL -e:1
```

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

```
c:0001 p:0000 s:0002 b:0002 l:00042c d:00042c TOP
```

```
-e:1:in <main>' -e:1:in gethostbyname'
```

```
=end
```

```
#8 - 03/06/2010 07:30 AM - rogerdpack (Roger Pack)
```

```
=begin
```

```
appears to not throw the segfault anymore...at least on a couple of my doze boxes.
```

```
e:\dev\digitalarchive_trunk>ruby -v -rsocket -e 'p Socket.gethostbyname("localhost")'
```

```
ruby 1.9.2dev (2010-03-06) [i386-mingw32]
```

```
["roger-pack", [], 2, "\x7F\x00\x00\x01"]
```

```
C:\dev\ruby\downloads>ruby -v -rsocket -e 'p Socket.gethostname("localhost")'  
ruby 1.9.2dev (2009-08-09 trunk 24478) [i386-mingw32]  
["ws-packrd", [], 2, "\x7F\x00\x00\x01"]
```

```
Anybody else seeing it?  
=end
```

#9 - 03/24/2010 03:02 AM - rogerdpack (Roger Pack)

- *Status changed from Feedback to Closed*

```
=begin  
Seems to be working now.  
=end
```