

Socket.pack_sockaddr_in crashes ruby

Status: Closed Priority: Normal Assignee: Target version: ruby -v: 2.0.0p247 (2013-06-27 revision 41674) [x86_64-linux]	Backport: 1.9.3: DONE, 2.0.0: DONE
---	---

```
((
2.0.0p247 :001 > require 'socket'
=> true
2.0.0p247 :002 > Socket.pack_sockaddr_in(500, "fdgfdgd")
(irb):2: [BUG] rb_sys_fail(getaddrinfo) - errno == 0
ruby 2.0.0p247 (2013-06-27 revision 41674) [x86_64-linux]

-- Control frame information -----
c:0019 p:---- s:0077 e:000076 CFUNC :pack_sockaddr_in
c:0018 p:0015 s:0072 e:000071 EVAL (irb):2 [FINISH]
c:0017 p:---- s:0070 e:000069 CFUNC :eval
c:0016 p:0024 s:0063 e:000062 METHOD /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb/workspace.rb:86
c:0015 p:0025 s:0056 e:000054 METHOD /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb/context.rb:380
c:0014 p:0022 s:0050 e:000049 BLOCK /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb.rb:492
c:0013 p:0040 s:0042 e:000041 METHOD /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb.rb:624
c:0012 p:0009 s:0037 e:000036 BLOCK /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb.rb:489
c:0011 p:0118 s:0033 e:000032 BLOCK /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb/ruby-lex.rb:247 [FINISH]
c:0010 p:---- s:0030 e:000029 CFUNC :loop
c:0009 p:0007 s:0027 e:000026 BLOCK /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb/ruby-lex.rb:233 [FINISH]
c:0008 p:---- s:0025 e:000024 CFUNC :catch
c:0007 p:0015 s:0021 e:000020 METHOD /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb/ruby-lex.rb:232
c:0006 p:0030 s:0018 E:0020f8 METHOD /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb.rb:488
c:0005 p:0008 s:0015 e:000014 BLOCK /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb.rb:397 [FINISH]
c:0004 p:---- s:0013 e:000012 CFUNC :catch
c:0003 p:0143 s:0009 E:0004b8 METHOD /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb.rb:396
c:0002 p:0122 s:0004 E:001048 EVAL /home/developer/.rvm/rubies/ruby-2.0.0-p247/bin/irb:16 [FINISH]
c:0001 p:0000 s:0002 E:002308 TOP [FINISH]

corresponding jruby behaviour
jruby-1.7.4 :001 > require 'socket'
=> true
jruby-1.7.4 :002 > Socket.pack_sockaddr_in(500, "fdgfdgd")
SocketError: getaddrinfo: No address associated with nodename
from org/jruby/ext/socket/RubySocket.java:266:in pack_sockaddr_in' from (irb):2:in evaluate'
from org/jruby/RubyKernel.java:1093:in eval' from org/jruby/RubyKernel.java:1489:in loop'
from org/jruby/RubyKernel.java:1254:in catch' from org/jruby/RubyKernel.java:1254:in catch'
from /home/developer/.rvm/rubies/jruby-1.7.4/bin/irb:13:in `(root)'
)))
```

Revision eb507ebd880b3b5eaba74c77ddfeb11166281393 - 02/09/2014 04:22 PM - nagachika (Tomoyuki Chikanaga)

```
* ext/socket/raddrinfo.c (nogvl_getaddrinfo): work around for Ubuntu
13.04's getaddrinfo issue with mdns4. [ruby-list:49420]

* ext/socket/raddrinfo.c (nogvl_getaddrinfo): Add missing return
value assignment.

* ext/socket/raddrinfo.c (nogvl_getaddrinfo): Fix indent.
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_0_0@44900 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision eb507ebd - 02/09/2014 04:22 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) r41215,r41216,r41217: [Backport #8627] [Backport #9506]

```
* ext/socket/raddrinfo.c (nogvl_getaddrinfo): work around for Ubuntu
13.04's getaddrinfo issue with mdns4. [ruby-list:49420]

* ext/socket/raddrinfo.c (nogvl_getaddrinfo): Add missing return
value assignment.

* ext/socket/raddrinfo.c (nogvl_getaddrinfo): Fix indent.
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_0_0@44900 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision a540b10c96c187005c5037bcc942262234c43b45 - 02/14/2014 03:57 AM - U.Nakamura

merge revision(s) 41215,41216,41217: [Backport #8627]

```
* ext/socket/raddrinfo.c (nogvl_getaddrinfo): work around for Ubuntu
13.04's getaddrinfo issue with mdns4. [ruby-list:49420]

* ext/socket/raddrinfo.c (nogvl_getaddrinfo): Add missing return
value assignment.

* ext/socket/raddrinfo.c (nogvl_getaddrinfo): Fix indent.
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_1_9_3@44933 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision a540b10c - 02/14/2014 03:57 AM - U.Nakamura

merge revision(s) 41215,41216,41217: [Backport #8627]

```
* ext/socket/raddrinfo.c (nogvl_getaddrinfo): work around for Ubuntu
13.04's getaddrinfo issue with mdns4. [ruby-list:49420]

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value assignment.

* ext/socket/raddrinfo.c (nogvl_getaddrinfo): Fix indent.
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_1_9_3@44933 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

History

#1 - 07/12/2013 07:15 AM - xinjin (Sujin Phil)

```
/home/developer/.rvm/rubies/ruby-2.0.0-p247/bin/irb:16:in <main>' /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb.rb:396:in start'
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb.rb:396:in catch'
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb.rb:397:in block in start'
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb.rb:488:in eval_input'
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb/ruby-lex.rb:232:in each_top_level_statement'
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb/ruby-lex.rb:232:in catch'
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb/ruby-lex.rb:233:in block in each_top_level_statement'
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb/ruby-lex.rb:233:in loop'
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb/ruby-lex.rb:247:in block (2 levels) in each_top_level_statement'
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb.rb:489:in block in eval_input'
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb.rb:624:in signal_status'
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb.rb:492:in block (2 levels) in eval_input'
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb/context.rb:380:in evaluate'
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb/workspace.rb:86:in evaluate'
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb/workspace.rb:86:in eval'
(irb):2:in irb_binding' (irb):2:in pack_sockaddr_in'
```

-- C level backtrace information -----

```
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(+0x1b2c48) [0x7f6e180fec48] vm_dump.c:647
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(+0x6cdc7) [0x7f6e17fb8dc7] error.c:283
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(rb_bug+0xb3) [0x7f6e17fb9b13] error.c:302
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(+0x6f9ed) [0x7f6e17fbb9ed] error.c:1853
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(rb_sys_fail+0x9) [0x7f6e17fbb39] error.c:1901
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/x86_64-linux/socket.so(+0x6b07) [0x7f6e11290b07] init.c:37
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/x86_64-linux/socket.so(rsock_getaddrinfo+0x121) [0x7f6e112a8251] raddrinfo.c:364
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/x86_64-linux/socket.so(rsock_addrinfo+0x3a) [0x7f6e112a8b9a] raddrinfo.c:379
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/x86_64-linux/socket.so(+0x1239a) [0x7f6e1129c39a] socket.c:1356
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(+0x19ce4f) [0x7f6e180e8e4f] vm_insnhelper.c:1469
```

```

/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(+0x1aaded) [0x7f6e180f6ded] vm_insnhelper.c:1559
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(+0x1a18fa) [0x7f6e180ed8fa] insns.def:1017
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(+0x1a5d7a) [0x7f6e180f1d7a] vm.c:1201
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(+0x1a64db) [0x7f6e180f24db] vm_eval.c:1251
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(+0x1a6975) [0x7f6e180f2975] vm_eval.c:1292
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(+0x19ce4f) [0x7f6e180e8e4f] vm_insnhelper.c:1469
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(+0x1a18fa) [0x7f6e180ed8fa] insns.def:1017
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(+0x1a5d7a) [0x7f6e180f1d7a] vm.c:1201
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(+0x1aba7f) [0x7f6e180f7a7f] vm.c:648
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(rb_rescue2+0x17e) [0x7f6e17fc105e] eval.c:714
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(+0x19ba9e) [0x7f6e180e7a9e] vm_eval.c:1022
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(+0x19ce4f) [0x7f6e180e8e4f] vm_insnhelper.c:1469
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(+0x1aaded) [0x7f6e180f6ded] vm_insnhelper.c:1559
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(+0x1a188b) [0x7f6e180ed88b] insns.def:1002
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(+0x1a5d7a) [0x7f6e180f1d7a] vm.c:1201
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(+0x1ac403) [0x7f6e180f8403] vm.c:648
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(rb_catch_obj+0xc2) [0x7f6e180ea802] vm_eval.c:1826
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(+0x19e8ae) [0x7f6e180ea8ae] vm_eval.c:1802
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(+0x19ce4f) [0x7f6e180e8e4f] vm_insnhelper.c:1469
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(+0x1aaded) [0x7f6e180f6ded] vm_insnhelper.c:1559
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(+0x1a188b) [0x7f6e180ed88b] insns.def:1002
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(+0x1a5d7a) [0x7f6e180f1d7a] vm.c:1201
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(+0x1ac403) [0x7f6e180f8403] vm.c:648
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(rb_catch_obj+0xc2) [0x7f6e180ea802] vm_eval.c:1826
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(+0x19e8ae) [0x7f6e180ea8ae] vm_eval.c:1802
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(+0x19ce4f) [0x7f6e180e8e4f] vm_insnhelper.c:1469
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(+0x1aaded) [0x7f6e180f6ded] vm_insnhelper.c:1559
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(+0x1a188b) [0x7f6e180ed88b] insns.def:1002
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(+0x1a5d7a) [0x7f6e180f1d7a] vm.c:1201
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(rb_iseq_eval_main+0x25e) [0x7f6e180f935e] vm.c:1449
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(+0x7351a) [0x7f6e17fbf51a] eval.c:250
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(ruby_exec_node+0x1d) [0x7f6e17fc0acd] eval.c:315
/home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/libruby.so.2.0(ruby_run_node+0x1c) [0x7f6e17fc2c2c] eval.c:307
irb(+0xafb) [0x7f6e18604afb]
/lib64/libc.so.6(__libc_start_main+0xf5) [0x7f6e17061c45]
irb(+0xb29) [0x7f6e18604b29]

```

-- Other runtime information -----

- Loaded script: irb
- Loaded features:

```

0 enumerator.so
1 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/x86_64-linux/enc/encdb.so
2 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/x86_64-linux/enc/trans/transdb.so
3 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/x86_64-linux/rbconfig.rb
4 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/site_ruby/2.0.0/rubygems/compatibility.rb
5 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/site_ruby/2.0.0/rubygems/defaults.rb
6 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/site_ruby/2.0.0/rubygems/deprecate.rb
7 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/site_ruby/2.0.0/rubygems/errors.rb
8 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/site_ruby/2.0.0/rubygems/version.rb
9 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/site_ruby/2.0.0/rubygems/requirement.rb
10 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/site_ruby/2.0.0/rubygems/platform.rb
11 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/site_ruby/2.0.0/rubygems/specification.rb
12 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/site_ruby/2.0.0/rubygems/exceptions.rb
13 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/site_ruby/2.0.0/rubygems/core_ext/kernel_gem.rb
14 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/thread.rb
15 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/monitor.rb
16 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/site_ruby/2.0.0/rubygems/core_ext/kernel_require.rb
17 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/site_ruby/2.0.0/rubygems.rb
18 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/e2mmap.rb
19 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb/init.rb
20 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb/workspace.rb
21 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb/inspector.rb
22 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb/context.rb
23 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb/extend-command.rb
24 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb/output-method.rb
25 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb/notifier.rb
26 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb/slex.rb
27 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb/ruby-token.rb
28 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb/ruby-lex.rb
29 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb/src_encoding.rb
30 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb/magic-file.rb
31 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/x86_64-linux/readline.so

```

```

32 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb/input-method.rb
33 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb/locale.rb
34 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb.rb
35 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/site_ruby/2.0.0/rubygems/path_support.rb
36 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/site_ruby/2.0.0/rubygems/dependency.rb
37 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/irb/completion.rb
38 /home/developer/.rvm/scripts/irbrc.rb
39 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/x86_64-linux/socket.so
40 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/socket.rb

```

• Process memory map:

```

7f6e10a48000-7f6e10a49000 rw-p 00000000 00:00 0
7f6e10a49000-7f6e10a5e000 r-xp 00000000 fb:00 1712737 /usr/lib64/gcc/x86_64-pc-linux-gnu/4.7.3/libgcc_s.so.1
7f6e10a5e000-7f6e10c5e000 ---p 00015000 fb:00 1712737 /usr/lib64/gcc/x86_64-pc-linux-gnu/4.7.3/libgcc_s.so.1
7f6e10c5e000-7f6e10c5f000 r--p 00015000 fb:00 1712737 /usr/lib64/gcc/x86_64-pc-linux-gnu/4.7.3/libgcc_s.so.1
7f6e10c5f000-7f6e10c60000 rw-p 00016000 fb:00 1712737 /usr/lib64/gcc/x86_64-pc-linux-gnu/4.7.3/libgcc_s.so.1
7f6e10c60000-7f6e10c73000 r-xp 00000000 fb:00 1706784 /lib64/libresolv-2.17.so
7f6e10c73000-7f6e10e73000 ---p 00013000 fb:00 1706784 /lib64/libresolv-2.17.so
7f6e10e73000-7f6e10e74000 r--p 00013000 fb:00 1706784 /lib64/libresolv-2.17.so
7f6e10e74000-7f6e10e75000 rw-p 00014000 fb:00 1706784 /lib64/libresolv-2.17.so
7f6e10e75000-7f6e10e77000 rw-p 00000000 00:00 0
7f6e10e77000-7f6e10e7c000 r-xp 00000000 fb:00 1706771 /lib64/libnss_dns-2.17.so
7f6e10e7c000-7f6e1107b000 ---p 00005000 fb:00 1706771 /lib64/libnss_dns-2.17.so
7f6e1107b000-7f6e1107c000 r--p 00004000 fb:00 1706771 /lib64/libnss_dns-2.17.so
7f6e1107c000-7f6e1107d000 rw-p 00005000 fb:00 1706771 /lib64/libnss_dns-2.17.so
7f6e1107d000-7f6e11089000 r-xp 00000000 fb:00 1706773 /lib64/libnss_files-2.17.so
7f6e11089000-7f6e11288000 ---p 0000c000 fb:00 1706773 /lib64/libnss_files-2.17.so
7f6e11288000-7f6e11289000 r--p 0000b000 fb:00 1706773 /lib64/libnss_files-2.17.so
7f6e11289000-7f6e1128a000 rw-p 0000c000 fb:00 1706773 /lib64/libnss_files-2.17.so
7f6e1128a000-7f6e112b1000 r-xp 00000000 fb:01 15341734 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/x86_64-linux/socket.so
7f6e112b1000-7f6e114b1000 ---p 00027000 fb:01 15341734 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/x86_64-linux/socket.so
7f6e114b1000-7f6e114b2000 r--p 00027000 fb:01 15341734 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/x86_64-linux/socket.so
7f6e114b2000-7f6e114b3000 rw-p 00028000 fb:01 15341734 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/x86_64-linux/socket.so
7f6e114b3000-7f6e11503000 r-xp 00000000 fb:00 3145830 /lib64/libncurses.so.5.9
7f6e11503000-7f6e11702000 ---p 00050000 fb:00 3145830 /lib64/libncurses.so.5.9
7f6e11702000-7f6e11706000 r--p 0004f000 fb:00 3145830 /lib64/libncurses.so.5.9
7f6e11706000-7f6e11707000 rw-p 00053000 fb:00 3145830 /lib64/libncurses.so.5.9
7f6e11707000-7f6e11708000 rw-p 00000000 00:00 0
7f6e11708000-7f6e11746000 r-xp 00000000 fb:00 1715545 /lib64/libreadline.so.6.2
7f6e11746000-7f6e11945000 ---p 0003e000 fb:00 1715545 /lib64/libreadline.so.6.2
7f6e11945000-7f6e11947000 r--p 0003d000 fb:00 1715545 /lib64/libreadline.so.6.2
7f6e11947000-7f6e1194d000 rw-p 0003f000 fb:00 1715545 /lib64/libreadline.so.6.2
7f6e1194d000-7f6e1194f000 rw-p 00000000 00:00 0
7f6e1194f000-7f6e11957000 r-xp 00000000 fb:01 15340001 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/x86_64-linux/readline.so
7f6e11957000-7f6e11b56000 ---p 00008000 fb:01 15340001 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/x86_64-linux/readline.so
7f6e11b56000-7f6e11b57000 r--p 00007000 fb:01 15340001 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/x86_64-linux/readline.so
7f6e11b57000-7f6e11b58000 rw-p 00008000 fb:01 15340001 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/x86_64-linux/readline.so
7f6e11b58000-7f6e11b5b000 r-xp 00000000 fb:01 17566110 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/x86_64-linux/enc/trans/transdb.so
7f6e11b5b000-7f6e11d5a000 ---p 00003000 fb:01 17566110 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/x86_64-linux/enc/trans/transdb.so
7f6e11d5a000-7f6e11d5b000 r--p 00002000 fb:01 17566110 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/x86_64-linux/enc/trans/transdb.so
7f6e11d5b000-7f6e11d5c000 rw-p 00003000 fb:01 17566110 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/x86_64-linux/enc/trans/transdb.so
7f6e11d5c000-7f6e11d5e000 r-xp 00000000 fb:01 17566169 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/x86_64-linux/enc/encdb.so
7f6e11d5e000-7f6e11f5d000 ---p 00002000 fb:01 17566169 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/x86_64-linux/enc/encdb.so
7f6e11f5d000-7f6e11f5e000 r--p 00001000 fb:01 17566169 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/x86_64-linux/enc/encdb.so
7f6e11f5e000-7f6e11f5f000 rw-p 00002000 fb:01 17566169 /home/developer/.rvm/rubies/ruby-2.0.0-p247/lib/ruby/2.0.0/x86_64-linux/enc/encdb.so
7f6e11f5f000-7f6e1703d000 r--p 00000000 fb:00 2622284 /usr/lib64/locale/locale-archive
7f6e1703d000-7f6e171e4000 r-xp 00000000 fb:00 1706622 /lib64/libc-2.17.so

```



```
irb(main):002:0> Socket.pack_sockaddr_in(500, "fdgfdgd")
SocketError: getaddrinfo: Name or service not known
from (irb):2:in pack_sockaddr_in' from (irb):2 from bin/irb:12:in '
irb(main):003:0> RUBY_VERSION
=> "2.0.0"
irb(main):004:0> RUBY_PATCHLEVEL
=> 247
irb(main):005:0> RUBY_PLATFORM
=> "x86_64-linux"
irb(main):006:0>
```

Tanaka Akira

#3 - 07/12/2013 08:53 AM - normalperson (Eric Wong)

"xinjin (Sujin Phil)" sujin.phil@gmail.com wrote:

```
(({{
2.0.0p247 :001 > require 'socket'
=> true
2.0.0p247 :002 > Socket.pack_sockaddr_in(500, "fdgfdgd")
(irb):2: [BUG] rb_sys_fail(getaddrinfo) - errno == 0
ruby 2.0.0p247 (2013-06-27 revision 41674) [x86_64-linux]
```

I can't reproduce this, either.

It seems errno is getting clobbered somewhere after getaddrinfo returns EAI_SYSTEM.

Can you also provide an strace? Thanks

#4 - 07/12/2013 10:47 AM - phasis68 (Heesob Park)

It seems that this issue occurs on Ubuntu 13.04 and already fixed on trunk with the revision r41215

#5 - 07/13/2013 03:19 AM - xinjin (Sujin Phil)

- *File strace.txt added*

Seems like this behaviour only happens while running irb

```
$ uname -a
```

```
Linux localhost 3.4.0-sabayon #1 SMP Wed Jul 18 23:06:31 UTC 2012 x86_64 Intel(R) Core(TM)2 Quad CPU Q9550 @ 2.83GHz GenuineIntel GNU/Linux
```

```
$ cat test.rb
```

```
require 'socket'
```

```
Socket.pack_sockaddr_in(500, "fdgfdgd")
```

```
$ ruby --version
```

```
ruby 2.0.0p247 (2013-06-27 revision 41674) [x86_64-linux]
```

```
$ ruby test.rb
```

```
test.rb:2:in pack_sockaddr_in': No such file or directory - getaddrinfo (Errno::ENOENT) from test.rb:2:in '
```

Adding the strace as attachment.

#6 - 02/09/2014 04:25 AM - hsb (Hiroshi SHIBATA)

I created backport issue to 2.0.0: <https://bugs.ruby-lang.org/issues/9506>

#7 - 02/09/2014 04:23 PM - nagachika (Tomoyuki Chikanaga)

- *Status changed from Open to Closed*

- *Backport changed from 1.9.3: UNKNOWN, 2.0.0: UNKNOWN to 1.9.3: UNKNOWN, 2.0.0: DONE*

r41215, r41216 and r41217 were backported to ruby_2_0_0 branch at 44900.

#8 - 02/14/2014 03:59 AM - usa (Usaku NAKAMURA)

- *Backport changed from 1.9.3: UNKNOWN, 2.0.0: DONE to 1.9.3: DONE, 2.0.0: DONE*

I can't test it on the problem platform, but I guess this will occurs with 1.9.3, too.
backported into ruby_1_9_3 at r44933.

Files

strace.txt	573 KB	07/13/2013	xinjin (Sujin Phil)
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