

## Ruby trunk - Bug #9697

### rb\_sys\_fail(getaddrinfo) - errno == 0 crashes ruby

04/03/2014 05:50 AM - pskumarsrec88@gmail.com (Saravana kumar)

<b>Status:</b>	Closed		
<b>Priority:</b>	Normal		
<b>Assignee:</b>			
<b>Target version:</b>			
<b>ruby -v:</b>	ruby 1.9.3p545	<b>Backport:</b>	1.9.3: REQUIRED, 2.0.0: DONE, 2.1: DONE

#### Description

/home/deploysearch/.rvm/rubies/ruby-1.9.3-p545/lib/ruby/1.9.1/net/http.rb:763: [BUG] rb\_sys\_fail(getaddrinfo) - errno == 0  
ruby 1.9.3p545 (2014-02-24 revision 45159) [x86\_64-linux]

-- Control frame information -----

```
c:0064 p:---- s:0279 b:0279 l:000278 d:000278 CFUNC :initialize
c:0063 p:---- s:0277 b:0277 l:000276 d:000276 CFUNC :open
c:0062 p:0029 s:0272 b:0272 l:0001b0 d:000271 BLOCK
/home/deploysearch/.rvm/rubies/ruby-1.9.3-p545/lib/ruby/1.9.1/net/http.rb:763
c:0061 p:0031 s:0270 b:0270 l:000269 d:000269 METHOD
/home/deploysearch/.rvm/rubies/ruby-1.9.3-p545/lib/ruby/1.9.1/timeout.rb:55
c:0060 p:0026 s:0258 b:0258 l:000257 d:000257 METHOD
/home/deploysearch/.rvm/rubies/ruby-1.9.3-p545/lib/ruby/1.9.1/timeout.rb:100
c:0059 p:0038 s:0252 b:0252 l:0001b0 d:0001b0 METHOD
/home/deploysearch/.rvm/rubies/ruby-1.9.3-p545/lib/ruby/1.9.1/net/http.rb:763
c:0058 p:0011 s:0244 b:0244 l:000243 d:000243 METHOD
/home/deploysearch/.rvm/rubies/ruby-1.9.3-p545/lib/ruby/1.9.1/net/http.rb:756
c:0057 p:0048 s:0241 b:0241 l:000240 d:000240 METHOD
/home/deploysearch/.rvm/rubies/ruby-1.9.3-p545/lib/ruby/1.9.1/net/http.rb:745
c:0056 p:0182 s:0238 b:0238 l:000237 d:000237 METHOD
/home/deploysearch/.rvm/rubies/ruby-1.9.3-p545/lib/ruby/1.9.1/net/http.rb:557
c:0055 p:0040 s:0225 b:0225 l:000fb8 d:000fb8 METHOD
/var/www/apps/searchfuse/current/lib/searchfuse/analysis/utils/http_resource_size_calculator.rb:10
c:0054 p:0086 s:0220 b:0210 l:000201 d:000209 BLOCK
/var/www/apps/searchfuse/current/app/contexts/images/update_or_create_context.rb:17
c:0053 p:---- s:0207 b:0207 l:000206 d:000206 FINISH
c:0052 p:---- s:0205 b:0205 l:000204 d:000204 CFUNC :map
c:0051 p:0037 s:0202 b:0202 l:000201 d:000201 METHOD
/var/www/apps/searchfuse/current/app/contexts/images/update_or_create_context.rb:12
c:0050 p:0028 s:0197 b:0197 l:000188 d:000196 BLOCK
/var/www/apps/searchfuse/current/app/services/project_image_resource_discovery_service.rb:11
c:0049 p:---- s:0194 b:0194 l:000193 d:000193 FINISH
c:0048 p:---- s:0192 b:0192 l:000191 d:000191 CFUNC :each
c:0047 p:0026 s:0189 b:0189 l:000188 d:000188 METHOD
/var/www/apps/searchfuse/current/app/services/project_image_resource_discovery_service.rb:10
c:0046 p:0046 s:0185 b:0185 l:000184 d:000184 METHOD
/var/www/apps/searchfuse/current/app/workers/project_image_resource_discovery_worker.rb:8
c:0045 p:0025 s:0181 b:0181 l:001200 d:000180 BLOCK
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/processor.rb:48
c:0044 p:---- s:0179 b:0179 l:000178 d:000178 FINISH
c:0043 p:---- s:0177 b:0177 l:000176 d:000176 CFUNC :call
c:0042 p:0024 s:0174 b:0174 l:000588 d:000173 BLOCK
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/middleware/chain.rb:109
c:0041 p:0056 s:0172 b:0172 l:000171 d:000171 METHOD
/home/deploysearch/ruby/1.9.1/bundler/gems/sidekiq-status-d61e1d47071a/lib/sidekiq-status/server_middleware.rb:30
c:0040 p:0049 s:0166 b:0166 l:000588 d:000165 BLOCK
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/middleware/chain.rb:111
c:0039 p:0005 s:0164 b:0164 l:0019b8 d:000163 BLOCK
/home/deploysearch/ruby/1.9.1/bundler/gems/sidekiq-throttler-8bc8154bb77e/lib/sidekiq/throttler.rb:29
c:0038 p:---- s:0162 b:0162 l:000161 d:000161 FINISH
c:0037 p:---- s:0160 b:0160 l:000159 d:000159 CFUNC :call
c:0036 p:0024 s:0157 b:0157 l:000156 d:000156 METHOD
```

/home/deploysearch/ruby/1.9.1/bundler/gems/sidekiq-throttler-8bc8154bb77e/lib/sidekiq/throttler/rate\_limit.rb:137  
c:0035 p:0061 s:0154 b:0154 l:0019b8 d:0019b8 METHOD  
/home/deploysearch/ruby/1.9.1/bundler/gems/sidekiq-throttler-8bc8154bb77e/lib/sidekiq/throttler.rb:36  
c:0034 p:0049 s:0147 b:0147 l:000588 d:000146 BLOCK  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/middleware/chain.rb:111  
c:0033 p:0005 s:0145 b:0145 l:000b90 d:000144 BLOCK  
/home/deploysearch/ruby/1.9.1/gems/newrelic\_rpm-3.6.5.130/lib/new\_relic/agent/instrumentation/sidekiq.rb:25  
c:0032 p:0581 s:0143 b:0143 l:000142 d:000142 METHOD  
/home/deploysearch/ruby/1.9.1/gems/newrelic\_rpm-3.6.5.130/lib/new\_relic/agent/instrumentation/controller\_instrumentation.rb:318  
c:0031 p:0029 s:0127 b:0127 l:000b90 d:000b90 METHOD  
/home/deploysearch/ruby/1.9.1/gems/newrelic\_rpm-3.6.5.130/lib/new\_relic/agent/instrumentation/sidekiq.rb:24  
c:0030 p:0049 s:0121 b:0121 l:000588 d:000120 BLOCK  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/middleware/chain.rb:111  
c:0029 p:0009 s:0119 b:0119 l:000118 d:000118 METHOD  
/home/deploysearch/ruby/1.9.1/bundler/gems/sidekiq-superworker-fafd18ef9819/lib/sidekiq/superworker/server/middleware.rb:11  
c:0028 p:0049 s:0111 b:0111 l:000588 d:000110 BLOCK  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/middleware/chain.rb:111  
c:0027 p:0019 s:0109 b:0109 l:000108 d:000108 METHOD  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-failures-0.2.1/lib/sidekiq/failures/middleware.rb:10  
c:0026 p:0049 s:0101 b:0101 l:000588 d:000100 BLOCK  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/middleware/chain.rb:111  
c:0025 p:0007 s:0099 b:0099 l:000098 d:000098 METHOD  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/middleware/server/active\_record.rb:6  
c:0024 p:0049 s:0095 b:0095 l:000588 d:000094 BLOCK  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/middleware/chain.rb:111  
c:0023 p:0007 s:0093 b:0093 l:000092 d:000092 METHOD  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/middleware/server/retry\_jobs.rb:49  
c:0022 p:0049 s:0081 b:0081 l:000588 d:000080 BLOCK  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/middleware/chain.rb:111  
c:0021 p:0041 s:0079 b:0079 l:000730 d:0007b0 BLOCK  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/middleware/server/logging.rb:11  
c:0020 p:0037 s:0076 b:0076 l:000075 d:000075 METHOD  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/logging.rb:22  
c:0019 p:0045 s:0072 b:0072 l:000730 d:000730 METHOD  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/middleware/server/logging.rb:7  
c:0018 p:0049 s:0066 b:0066 l:000588 d:000065 LAMBDA  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/middleware/chain.rb:111  
c:0017 p:---- s:0064 b:0064 l:000063 d:000063 FINISH  
c:0016 p:---- s:0062 b:0062 l:000061 d:000061 CFUNC :call  
c:0015 p:0040 s:0059 b:0059 l:000588 d:000588 METHOD  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/middleware/chain.rb:114  
c:0014 p:0030 s:0052 b:0052 l:001200 d:000448 BLOCK  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/processor.rb:47  
c:0013 p:0021 s:0050 b:0050 l:001780 d:001780 METHOD  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/processor.rb:102  
c:0012 p:0130 s:0044 b:0044 l:001200 d:001698 BLOCK  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/processor.rb:46  
c:0011 p:---- s:0038 b:0038 l:000037 d:000037 FINISH  
c:0010 p:---- s:0036 b:0036 l:000035 d:000035 CFUNC :call  
c:0009 p:---- s:0034 b:0034 l:000033 d:000033 CFUNC :public\_send  
c:0008 p:0040 s:0030 b:0030 l:000029 d:000029 METHOD  
/home/deploysearch/ruby/1.9.1/gems/celluloid-0.14.1/lib/celluloid/calls.rb:25  
c:0007 p:0039 s:0022 b:0022 l:000021 d:000021 METHOD  
/home/deploysearch/ruby/1.9.1/gems/celluloid-0.14.1/lib/celluloid/calls.rb:67  
c:0006 p:0066 s:0016 b:0016 l:002700 d:000015 BLOCK  
/home/deploysearch/ruby/1.9.1/gems/celluloid-0.14.1/lib/celluloid/future.rb:15  
c:0005 p:---- s:0013 b:0013 l:000012 d:000012 FINISH  
c:0004 p:---- s:0011 b:0011 l:000010 d:000010 CFUNC :call  
c:0003 p:0021 s:0008 b:0008 l:0004c8 d:000007 BLOCK  
/home/deploysearch/ruby/1.9.1/gems/celluloid-0.14.1/lib/celluloid/internal\_pool.rb:59  
c:0002 p:---- s:0004 b:0004 l:000003 d:000003 FINISH  
c:0001 p:---- s:0002 b:0002 l:000001 d:000001 TOP

## Associated revisions

Revision 1aa54beb - 04/07/2014 12:14 PM - akr (Akira Tanaka)

- ext/socket/socket.c (sock\_s\_getnameinfo): Save errno for EAI\_SYSTEM. Reported by Saravana kumar. [ruby-core:61820] [Bug #9697] Fixed by Heesob Park. [ruby-core:61868]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@45530 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

**Revision 45530 - 04/07/2014 12:14 PM - akr (Akira Tanaka)**

- ext/socket/socket.c (sock\_s\_getnameinfo): Save errno for EAI\_SYSTEM. Reported by Saravana kumar. [ruby-core:61820] [Bug #9697] Fixed by Heesob Park. [ruby-core:61868]

**Revision 45530 - 04/07/2014 12:14 PM - akr (Akira Tanaka)**

- ext/socket/socket.c (sock\_s\_getnameinfo): Save errno for EAI\_SYSTEM. Reported by Saravana kumar. [ruby-core:61820] [Bug #9697] Fixed by Heesob Park. [ruby-core:61868]

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**Revision 45530 - 04/07/2014 12:14 PM - akr (Akira Tanaka)**

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**Revision e60ec955 - 05/22/2014 03:24 PM - nagachika (Tomoyuki Chikanaga)**

merge revision(s) r45045,r45046,r45530: [Backport #9697]

```
* ext/socket/ipsocket.c (ip_s_getaddress): Don't access freed memory.
```

```
* ext/socket: Wrap struct addrinfo by struct rb_addrinfo.
```

```
* ext/socket/socket.c (sock_s_getnameinfo): Save errno for EAI_SYSTEM.
Reported by Saravana kumar. [ruby-core:61820] [Bug #9697]
Fixed by Heesob Park. [ruby-core:61868]
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby\_2\_1@46054 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

**Revision 46054 - 05/22/2014 03:24 PM - nagachika (Tomoyuki Chikanaga)**

merge revision(s) r45045,r45046,r45530: [Backport #9697]

```
* ext/socket/ipsocket.c (ip_s_getaddress): Don't access freed memory.
```

```
* ext/socket: Wrap struct addrinfo by struct rb_addrinfo.
```

```
* ext/socket/socket.c (sock_s_getnameinfo): Save errno for EAI_SYSTEM.
Reported by Saravana kumar. [ruby-core:61820] [Bug #9697]
Fixed by Heesob Park. [ruby-core:61868]
```

**Revision 0fcc2cdb - 06/23/2014 08:25 AM - usa (Usaku NAKAMURA)**

merge revision(s) 39239,45045,45530: [Backport #9697]

```
* ext/socket: always operate length of socket address companion with
socket address.
```

```
* ext/socket/rubysocket.h (rsock_make_ipaddr): add an argument for
```

socket address length.  
(rsock\_ipaddr): ditto.

\* ext/socket/ipsocket.c (ip\_addr): pass length to rsock\_ipaddr.  
(ip\_peeraddr): ditto.  
(ip\_s\_getaddress): pass length to rsock\_make\_ipaddr.

\* ext/socket/socket.c (make\_addrinfo): pass length to rsock\_ipaddr.  
(sock\_s\_getnameinfo): pass actual address length to rb\_getnameinfo.  
(sock\_s\_unpack\_sockaddr\_in): pass length to rsock\_make\_ipaddr.

\* ext/socket/init.c (rsock\_s\_recvfrom): pass length to rsock\_ipaddr.  
(rsock\_s\_recvfrom\_nonblock): ditto.

\* ext/socket/tcpsocket.c (tcp\_sockaddr): pass length to  
rsock\_make\_ipaddr.

\* ext/socket/raddrinfo.c (make\_ipaddr0): add an argument for socket  
address length. pass the length to rb\_getnameinfo.  
(rsock\_ipaddr): ditto.  
(rsock\_make\_ipaddr): add an argument for socket address length.  
pass the length to make\_ipaddr0.  
(make\_inetaddr): pass length to make\_ipaddr0.  
a local variable renamed.  
(host\_str): a local variable renamed.  
(port\_str): ditto.

\* ext/socket/ipsocket.c (ip\_s\_getaddress): Don't access freed memory.

\* ext/socket/socket.c (sock\_s\_getnameinfo): Save errno for EAI\_SYSTEM.  
Reported by Saravana kumar. [ruby-core:61820] [Bug #9697]  
Fixed by Heesob Park. [ruby-core:61868]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby\_2\_0\_0@46510 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

#### Revision 46510 - 06/23/2014 08:25 AM - usa (Usaku NAKAMURA)

merge revision(s) 39239,45045,45530: [Backport #9697]

\* ext/socket: always operate length of socket address companion with  
socket address.

\* ext/socket/rubysocket.h (rsock\_make\_ipaddr): add an argument for  
socket address length.  
(rsock\_ipaddr): ditto.

\* ext/socket/ipsocket.c (ip\_addr): pass length to rsock\_ipaddr.  
(ip\_peeraddr): ditto.  
(ip\_s\_getaddress): pass length to rsock\_make\_ipaddr.

\* ext/socket/socket.c (make\_addrinfo): pass length to rsock\_ipaddr.  
(sock\_s\_getnameinfo): pass actual address length to rb\_getnameinfo.  
(sock\_s\_unpack\_sockaddr\_in): pass length to rsock\_make\_ipaddr.

\* ext/socket/init.c (rsock\_s\_recvfrom): pass length to rsock\_ipaddr.  
(rsock\_s\_recvfrom\_nonblock): ditto.

\* ext/socket/tcpsocket.c (tcp\_sockaddr): pass length to  
rsock\_make\_ipaddr.

\* ext/socket/raddrinfo.c (make\_ipaddr0): add an argument for socket  
address length. pass the length to rb\_getnameinfo.  
(rsock\_ipaddr): ditto.  
(rsock\_make\_ipaddr): add an argument for socket address length.  
pass the length to make\_ipaddr0.  
(make\_inetaddr): pass length to make\_ipaddr0.  
a local variable renamed.  
(host\_str): a local variable renamed.  
(port\_str): ditto.

\* ext/socket/ipsocket.c (ip\_s\_getaddress): Don't access freed memory.

\* ext/socket/socket.c (sock\_s\_getnameinfo): Save errno for EAI\_SYSTEM.

Reported by Saravana kumar. [ruby-core:61820] [Bug #9697]  
Fixed by Heesob Park. [ruby-core:61868]

## History

### #1 - 04/03/2014 06:05 AM - pskumarsrec88@gmail.com (Saravana kumar)

My Environment is ubuntu 13.10  
Ruby - 1.9.3  
Patch - 535

### #2 - 04/03/2014 07:05 AM - phasis68 (Heesob Park)

It seems that this issue is somewhat similar to the bug [#8627](https://bugs.ruby-lang.org/issues/8627) (<https://bugs.ruby-lang.org/issues/8627> ).  
But the bug [#8627](https://bugs.ruby-lang.org/projects/ruby-193/repository/revisions/44933) was fixed and backported to 1.9.3 already (<https://bugs.ruby-lang.org/projects/ruby-193/repository/revisions/44933> )

Could you attach strace log for more info?

### #3 - 04/03/2014 08:46 AM - pskumarsrec88@gmail.com (Saravana kumar)

```
-- Ruby level backtrace information -----  
/home/deploysearch/ruby/1.9.1/gems/celluloid-0.14.1/lib/celluloid/internal_pool.rb:59:in block in create'  
/home/deploysearch/ruby/1.9.1/gems/celluloid-0.14.1/lib/celluloid/internal_pool.rb:59:incall'  
/home/deploysearch/ruby/1.9.1/gems/celluloid-0.14.1/lib/celluloid/future.rb:15:in block in new'  
/home/deploysearch/ruby/1.9.1/gems/celluloid-0.14.1/lib/celluloid/calls.rb:67:indispatch'  
/home/deploysearch/ruby/1.9.1/gems/celluloid-0.14.1/lib/celluloid/calls.rb:25:in dispatch'  
/home/deploysearch/ruby/1.9.1/gems/celluloid-0.14.1/lib/celluloid/calls.rb:25:inpublic_send'  
/home/deploysearch/ruby/1.9.1/gems/celluloid-0.14.1/lib/celluloid/calls.rb:25:in call'  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/processor.rb:46:inblock in process'  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/processor.rb:102:in stats'  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/processor.rb:47:inblock (2 levels) in process'  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/middleware/chain.rb:114:in invoke'  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/middleware/chain.rb:114:incall'  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/middleware/chain.rb:111:in block in invoke'  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/middleware/server/logging.rb:7:incall'  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/logging.rb:22:in with_context'  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/middleware/server/logging.rb:11:inblock in call'  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/middleware/chain.rb:111:in block in invoke'  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/middleware/server/retry_jobs.rb:49:incall'  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/middleware/chain.rb:111:in block in invoke'  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/middleware/server/active_record.rb:6:incall'  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/middleware/chain.rb:111:in block in invoke'  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-failures-0.2.1/lib/sidekiq/failures/middleware.rb:10:incall'  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/middleware/chain.rb:111:in block in invoke'  
/home/deploysearch/ruby/1.9.1/bundler/gems/sidekiq-superworker-fafd18ef9819/lib/sidekiq/superworker/server/middleware.rb:11:incall'  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/middleware/chain.rb:111:in block in invoke'  
/home/deploysearch/ruby/1.9.1/gems/newrelic_rpm-3.6.5.130/lib/new_relic/agent/instrumentation/sidekiq.rb:24:incall'  
/home/deploysearch/ruby/1.9.1/gems/newrelic_rpm-3.6.5.130/lib/new_relic/agent/instrumentation/controller_instrumentation.rb:318:in  
perform_action_with_newrelic_trace'  
/home/deploysearch/ruby/1.9.1/gems/newrelic_rpm-3.6.5.130/lib/new_relic/agent/instrumentation/sidekiq.rb:25:inblock in call'  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/middleware/chain.rb:111:in block in invoke'  
/home/deploysearch/ruby/1.9.1/bundler/gems/sidekiq-throttler-8bc8154bb77e/lib/sidekiq/throttler.rb:36:incall'  
/home/deploysearch/ruby/1.9.1/bundler/gems/sidekiq-throttler-8bc8154bb77e/lib/sidekiq/throttler/rate_limit.rb:137:in execute'  
/home/deploysearch/ruby/1.9.1/bundler/gems/sidekiq-throttler-8bc8154bb77e/lib/sidekiq/throttler/rate_limit.rb:137:incall'  
/home/deploysearch/ruby/1.9.1/bundler/gems/sidekiq-throttler-8bc8154bb77e/lib/sidekiq/throttler.rb:29:in block in call'  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/middleware/chain.rb:111:inblock in invoke'  
/home/deploysearch/ruby/1.9.1/bundler/gems/sidekiq-status-d61e1d47071a/lib/sidekiq-status/server_middleware.rb:30:in call'  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/middleware/chain.rb:109:inblock in invoke'  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/middleware/chain.rb:109:in call'  
/home/deploysearch/ruby/1.9.1/gems/sidekiq-2.13.0/lib/sidekiq/processor.rb:48:inblock (3 levels) in process'  
/var/www/apps/searchfuse/current/app/workers/project_image_resource_discovery_worker.rb:8:in perform'  
/var/www/apps/searchfuse/current/app/services/project_image_resource_discovery_service.rb:10:inexecute'  
/var/www/apps/searchfuse/current/app/services/project_image_resource_discovery_service.rb:10:in each'  
/var/www/apps/searchfuse/current/app/services/project_image_resource_discovery_service.rb:11:inblock in execute'  
/var/www/apps/searchfuse/current/app/context/images/update_or_create_context.rb:12:in execute'  
/var/www/apps/searchfuse/current/app/context/images/update_or_create_context.rb:12:inmap'  
/var/www/apps/searchfuse/current/app/context/images/update_or_create_context.rb:16:in block in execute'  
/var/www/apps/searchfuse/current/app/context/images/update_or_create_context.rb:25:inbroken_link?'  
/var/www/apps/searchfuse/current/lib/searchfuse/analysis/spider/link_checker.rb:8:in available?'  
/home/deploysearch/.rvm/rubies/ruby-1.9.3-p545/lib/ruby/1.9.1/net/http.rb:745:instart'  
/home/deploysearch/.rvm/rubies/ruby-1.9.3-p545/lib/ruby/1.9.1/net/http.rb:756:in do_start'  
/home/deploysearch/.rvm/rubies/ruby-1.9.3-p545/lib/ruby/1.9.1/net/http.rb:763:inconnect'  
/home/deploysearch/.rvm/rubies/ruby-1.9.3-p545/lib/ruby/1.9.1/timeout.rb:100:in timeout'  
/home/deploysearch/.rvm/rubies/ruby-1.9.3-p545/lib/ruby/1.9.1/timeout.rb:55:in timeout'  
/home/deploysearch/.rvm/rubies/ruby-1.9.3-p545/lib/ruby/1.9.1/net/http.rb:763:in block in connect'  
/home/deploysearch/.rvm/rubies/ruby-1.9.3-p545/lib/ruby/1.9.1/net/http.rb:763:inopen'
```

/home/deploysearch/.rvm/rubies/ruby-1.9.3-p545/lib/ruby/1.9.1/net/http.rb:763:in `initialize'

#### #4 - 04/03/2014 10:03 AM - pskumarsrec88@gmail.com (Saravana kumar)

So Which version of **ruby patch** i should use for this issue?

My current patch is 1.9.3-p545

#### #5 - 04/03/2014 01:01 PM - phasis68 (Heesob Park)

The ruby 1.9.3-p545 is the patch applied version.

Thus, this issue is not the same bug with bug [#8627](#).

I guess the getaddrinfo call returns EAI\_SYSTEM and errno is not ENOENT in your case.  
Could you attach strace log or a simple reproducible code?

#### #6 - 04/03/2014 01:12 PM - pskumarsrec88@gmail.com (Saravana kumar)

This is the line am getting the error

```
http = Net::HTTP.start(host, port)
```

Its not occuring for all hosts and ports, Some of the hosts and ports are getting error.

Actually am looping 100k hosts and ports to run this code. So am not able to find the exact host and port detail.

#### #7 - 04/05/2014 02:53 PM - phasis68 (Heesob Park)

I found the errno is needed for rb\_sys\_fail function but it is cleared with the rb\_freeaddrinfo function call.

Here is a patch

```
diff --git a/socket.c b/socket.c
index 67bfc33..6b145ac 100644
--- a/socket.c
+++ b/socket.c
@@ -1346,7 +1346,7 @@ sock_s_getnameinfo(int argc, VALUE *argv)
     int fl;
     struct rb_addrinfo *res = NULL;
     struct addrinfo hints, *r;
-    int error;
+    int error, saved_errno;
     union_sockaddr ss;
     struct sockaddr *sap;
     socklen_t salen;
@@ -1460,11 +1460,15 @@ sock_s_getnameinfo(int argc, VALUE *argv)
     return rb_assoc_new(rb_str_new2(hbuf), rb_str_new2(pbuf));

     error_exit_addr:
+    saved_errno = errno;
     if (res) rb_freeaddrinfo(res);
+    errno = saved_errno;
     rsock_raise_socket_error("getaddrinfo", error);

     error_exit_name:
+    saved_errno = errno;
     if (res) rb_freeaddrinfo(res);
+    errno = saved_errno;
     rsock_raise_socket_error("getnameinfo", error);

     UNREACHABLE;
```

#### #8 - 04/07/2014 12:14 PM - akr (Akira Tanaka)

- Status changed from Open to Closed

- % Done changed from 0 to 100

Applied in changeset r45530.

- 
- ext/socket/socket.c (sock\_s\_getnameinfo): Save errno for EAI\_SYSTEM. Reported by Saravana kumar. [ruby-core:61820] [Bug [#9697](#)] Fixed by Heesob Park. [ruby-core:61868]

**#9 - 04/07/2014 01:44 PM - nagachika (Tomoyuki Chikanaga)**

- Backport set to 1.9.3: *REQUIRED*, 2.0.0: *REQUIRED*, 2.1: *REQUIRED*

**#10 - 05/22/2014 03:25 PM - nagachika (Tomoyuki Chikanaga)**

- Backport changed from 1.9.3: *REQUIRED*, 2.0.0: *REQUIRED*, 2.1: *REQUIRED* to 1.9.3: *REQUIRED*, 2.0.0: *REQUIRED*, 2.1: *DONE*

r45045, r45046 and r45530 were backported into ruby\_2\_1 branch at r46054.

**#11 - 06/23/2014 08:26 AM - usa (Usaku NAKAMURA)**

- Backport changed from 1.9.3: *REQUIRED*, 2.0.0: *REQUIRED*, 2.1: *DONE* to 1.9.3: *REQUIRED*, 2.0.0: *DONE*, 2.1: *DONE*

r39239, r45045 and r45530 were backported into ruby\_2\_0\_0 at r46510.