

## Ruby master - Feature #17187

### Add connect\_timeout to TCPSocket

09/25/2020 11:17 AM - Glass\_saga (Masaki Matsushita)

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>	Glass_saga (Masaki Matsushita)	
<b>Target version:</b>		
<b>Description</b>		
Add connect_timeout to TCPSocket.new in the same way as Socket.tcp.		
<pre>TCPSocket.new("192.0.2.1", 1234, connect_timeout: 1) #=&gt; raise Errno::ETIMEDOUT</pre>		
<b>Related issues:</b>		
Related to Ruby master - Feature #16381: Accept resolv_timeout in Net::HTTP		<b>Open</b>
Related to Ruby master - Feature #17134: Add resolv_timeout to TCPSocket		<b>Open</b>

#### Associated revisions

##### Revision 5d8bcc48 - 12/07/2020 04:33 AM - Glass\_saga (Masaki Matsushita)

Revert getaddrinfo\_a()

getaddrinfo\_a() gets stuck after fork().

To avoid this, we need 1 second sleep to wait for internal worker threads of getaddrinfo\_a() to be finished, but that is unacceptable.

[Bug #17220] [Feature #17134] [Feature #17187]

##### Revision 78f18852 - 12/10/2020 11:52 AM - Glass\_saga (Masaki Matsushita)

Add connect\_timeout to TCPSocket

Add connect\_timeout to TCPSocket.new in the same way as Socket.tcp.

Closes [Feature #17187]

##### Revision 1ffb267c - 12/29/2020 06:52 AM - Glass\_saga (Masaki Matsushita)

Fix compile error of socksocket

The patch is provided by PhobosK (Phobos Kappa).

This should be backported to Ruby 3.0.

[Feature #17187]

##### Revision 21340303 - 01/24/2021 09:33 AM - Glass\_saga (Masaki Matsushita)

Fix compile error of socksocket

The patch is provided by PhobosK (Phobos Kappa).

This should be backported to Ruby 3.0.

[Feature #17187]

#### History

##### #1 - 09/25/2020 11:21 AM - Glass\_saga (Masaki Matsushita)

Pull Request: <https://github.com/ruby/ruby/pull/3585>

##### #2 - 09/25/2020 11:21 AM - Glass\_saga (Masaki Matsushita)

- Related to Feature #16381: Accept resolv\_timeout in Net::HTTP added

##### #3 - 09/25/2020 11:21 AM - Glass\_saga (Masaki Matsushita)

- Related to Feature #17134: Add `resolv_timeout` to `TCPsocket` added

#### #4 - 10/26/2020 05:00 AM - akr (Akira Tanaka)

document?

#### #5 - 10/26/2020 05:00 AM - matz (Yukihiro Matsumoto)

Accepted.

Matz.

#### #6 - 10/27/2020 02:20 PM - Glass\_saga (Masaki Matsushita)

- Assignee set to `Glass_saga` (Masaki Matsushita)

- Status changed from `Open` to `Assigned`

#### #7 - 12/10/2020 09:10 AM - naruse (Yui NARUSE)

- Target version deleted (3.0)

#### #8 - 12/10/2020 11:55 AM - Glass\_saga (Masaki Matsushita)

- Status changed from `Assigned` to `Closed`

Applied in changeset [git|78f188524f551c97b1a7a44ae13514729f1a21c7](https://github.com/ruby/ruby/commit/78f188524f551c97b1a7a44ae13514729f1a21c7).

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Add `connect_timeout` to `TCPsocket`

Add `connect_timeout` to `TCPsocket.new` in the same way as `Socket.tcp`.

Closes [Feature #17187]

#### #9 - 12/28/2020 02:53 PM - PhobosK (Phobos Kappa)

- File `ruby3-socksocket-fix.patch` added

You forgot to add the new parameter `connect_timeout` to the return statement of the function `socks_init` in `sockssocket.c`. Thus the now available official sources of Ruby 3.0.0 cannot compile when sockets are enabled giving the error:

```
x86_64-pc-linux-gnu-gcc -I. -I../..../ext/include/x86_64-linux -I../..../include -I../..../ext/socket -I../.. -
I../..../ -DRUBY_EXTCONF_H=\"extconf.h\" -fPIC -march=native -O2 -pipe -fno-strict-aliasing -fPIC -o sockss
ocket.o -c sockssocket.c
sockssocket.c: In function 'socks_init':
sockssocket.c:37:12: error: too few arguments to function 'rsock_init_inetsock'
   37 |     return rsock_init_inetsock(sock, host, port, Qnil, Qnil, INET_SOCKETS, Qnil);
      |            ^~~~~~
In file included from sockssocket.c:11:
rubysocket.h:349:7: note: declared here
   349 | VALUE rsock_init_inetsock(VALUE sock, VALUE remote_host, VALUE remote_serv, VALUE local_host, VALUE loc
al_serv, int type, VALUE resolv_timeout, VALUE connect_timeout);
      |            ^~~~~~
make[2]: *** [Makefile:262: sockssocket.o] Error 1
make[2]: Leaving directory '/dev/shm/portage/dev-lang/ruby-3.0.0/work/ruby-3.0.0/ext/socket'
make[1]: *** [ext.mk:285: ext/socket/all] Error 2
make[1]: Leaving directory '/dev/shm/portage/dev-lang/ruby-3.0.0/work/ruby-3.0.0'
make: *** [uncommon.mk:300: build-ext] Error 2
```

I dunno if something else is missing also, but adding the `Qnil` as last parameter in line 37 of `ext/socket/sockssocket.c`

```
return rsock_init_inetsock(sock, host, port, Qnil, Qnil, INET_SOCKETS, Qnil, Qnil);
```

fixes at least the compilation....

Thanks.

Great work BTW :)

#### #10 - 12/29/2020 06:56 AM - Glass\_saga (Masaki Matsushita)

[PhobosK \(Phobos Kappa\)](#)

Many thanks for reporting the issue!

I merged your patch.

## Files

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connect_timeout.patch	8.93 KB	09/25/2020	Glass_saga (Masaki Matsushita)
ruby3-socksocket-fix.patch	361 Bytes	12/28/2020	PhobosK (Phobos Kappa)