Add resolv_timeout to TCPSocket

08/29/2020 05:26 AM - Glass_saga (Masaki Matsushita)

Status: Open
Priority: Normal
Assignee: 
Target version: 

Description
Add resolve_timeout to TCPSocket.new.
It makes DNS timeout customizable in the same way as Socket.tcp.

https://github.com/ruby/ruby/pull/3472

Related issues:
- Related to Ruby master - Feature #16381: Accept resolv_timeout in Net::HTTP [Open]
- Related to Ruby master - Feature #17134: Add resolv_timeout to TCPSocket [Open]
- Related to Ruby master - Feature #17187: Add connect_timeout to TCPSocket [Closed]
- Related to Ruby master - Bug #17220: Rails Active Job integration test fails ... [Closed]
- Related to Ruby master - Feature #16476: Socket.getaddrinfo cannot be interru... [Open]

Associated revisions
Revision 511fe23f - 09/25/2020 06:19 AM - Glass_saga (Masaki Matsushita)
Add resolve_timeout to TCPSocket [Feature #17134]

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]

History
#1 - 08/29/2020 05:27 AM - Glass_saga (Masaki Matsushita)
- Related to Feature #16381: Accept resolv_timeout in Net::HTTP added

#2 - 08/29/2020 05:34 AM - Glass_saga (Masaki Matsushita)
- Subject changed from Add resolve_timeout to TCPSocket to Add resolv_timeout to TCPSocket

#3 - 09/23/2020 05:15 AM - ko1 (Koichi Sasada)
Could you describe API changes more?

#4 - 09/23/2020 03:37 PM - Glass_saga (Masaki Matsushita)
- Target version changed from 36 to 3.0

It receives resolv_timeout as a keyword argument to specify name resolution timeout.

Example:

```ruby
# it raises SocketError if name resolution is not finished within resolve_timeout.
tcp_socket = TCPSocket.new("example.com", 80, resolve_timeout: 10)
```

#5 - 09/25/2020 06:19 AM - Glass_saga (Masaki Matsushita)
- Status changed from Open to Closed

Applied in changeset git|511fe23fa2bdf1f17faa91e0558be47b5bb62b2a.
Add resolve_timeout to TCPSocket [Feature #17134]

#6 - 09/25/2020 11:21 AM - Glass_saga (Masaki Matsushita)
  - Related to Feature #17187: Add connect_timeout to TCPSocket added

#7 - 12/10/2020 09:09 AM - naruse (Yui NARUSE)
  - Target version deleted (3.0)
  - Status changed from Closed to Open

#8 - 12/10/2020 09:11 AM - naruse (Yui NARUSE)
  - Related to Bug #17220: Rails Active Job integration test fails with Ruby 3.0.0 since 2038cc6cab6ceefef3ec3a765c70ae684f829ed added

#9 - 12/27/2020 09:32 AM - naruse (Yui NARUSE)
  - Related to Feature #16476: Socket.getaddrinfo cannot be interrupted by Timeout.timeout added

Files
resolv_timeout.patch  6.07 KB  08/29/2020  Glass_saga (Masaki Matsushita)