Ruby master - Feature #16673

total_timeout for Net::HTTP

03/05/2020 12:16 AM - mohamedhafez (Mohamed Hafez)

Status:	Open
Priority:	Normal
Assignee:	
Target version:	

Description

Net::HTTP allows setting open_timeout and read_timeout, but sometimes I just want to make sure an API call will finish within a set amount of time, and am not concerned with how long opening the connection takes and reading the connection takes individually, as long as the total is beneath a certain amount. Yes, one could set open_timeout + read_timeout to be equal to the maximum time they are willing to wait, but then for example if opening the socket happens almost immediately, I may get a read timeout when I am still willing to wait a bit longer (this is the case for the service I run, where we hit an external API that occasionally takes 60s to respond, and am trying to catch some of those longer running requests. it also occasionally takes over 5 seconds to open a connection, so I can't make open_timeout minimal either). In other languages, setting a total timeout is possible, like for example Java's HttpRequest.

My intern LevonAr (Levon Arabyan) is willing to work on this, and put in a total_timeout option in a way that doesn't interfere with the current functioning of open_timeout and read_timeout. Would a patch to put in this feature be accepted?

History

#1 - 03/07/2020 01:03 AM - prajjwal (Prajjwal Singh)

+1. This is something I'd love to see implemented because this is actually the most common use case for me.

Could be implemented in a backwards compatible way (set open_timeout and read_timeout to total_timeout and abort appropriately).

#2 - 03/07/2020 06:25 AM - LevonAr (Levon Arabyan)

- Backport set to 2.5: UNKNOWN, 2.6: UNKNOWN, 2.7: UNKNOWN

- Tracker changed from Feature to Bug

#3 - 03/07/2020 06:25 AM - LevonAr (Levon Arabyan)

- Backport deleted (2.5: UNKNOWN, 2.6: UNKNOWN, 2.7: UNKNOWN)

- Tracker changed from Bug to Feature