

Ruby master - Feature #14896

Expose Net::HTTPResponse socket for integration with libraries expecting an IO

07/04/2018 08:43 PM - mudge (Paul Mucur)

Status:	Open
Priority:	Normal
Assignee:	
Target version:	
Description	
As several stdlib libraries support reading from IO-compatible objects (e.g. Zlib::GzipReader, Gem::Package::TarReader), would you be open to making the socket of a Net::HTTPResponse public?	
This would enable such use cases as streaming a .tar.gz file with the following code:	
<pre>uri = URI('http://www.example.com/huge.tar.gz') Net::HTTP.start(uri.host, uri.port) do http http.request_get(uri) do response Zlib::GzipReader.wrap(response.socket) do gz Gem::Package::TarReader.new(gz) do tar tar.each do entry yield entry.read end end end end end</pre>	
We could document this with the same caveat as when passing a block for streaming bodies: noting that the response will not contain a "(meaningful) body" if the user does anything with the underlying socket.	

History

#1 - 07/04/2018 10:05 PM - shevegen (Robert A. Heiler)

I have nothing useful to add to the issue at hand as I only very rarely use Net:: directly (my use cases usually start and end with open-uri which I think is great) - the reason I comment here is to suggest to you to add your feature request to the next developer meeting that is bound to happen in two weeks:

<https://bugs.ruby-lang.org/issues/14861>

The discussions there often help get things moving, either because of direct approval by matz, or by requesting some feedback or making modifications/suggestions to the issue at hand.

The use case was mentioned as well ("streaming a .tar.gz file"; I guess it applies to all compressed files like .zip or .tar.xz and so forth).

If I may suggest, the documentation could mention the use case and/or provide examples to it and clarifications. For example, reading "meaningful body" leads me to wonder in what context the body is meant here (I assume to the method itself) and what is meaningful and what is not or what is meant with it.

Files

response-socket.patch	617 Bytes	07/04/2018	mudge (Paul Mucur)
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