Ruby master - Feature #5778

Allow WEBrick::HTTPResponse to send IO-duck-typed bodies

12/20/2011 02:02 AM - regularfry (Alex Young)

Status:	Assigned
Priority:	Normal
Assignee:	normalperson (Eric Wong)
Target version:	

Description

WEBrick::HTTPResponse currently type-checks for IO to determine how to transfer content to the outgoing socket. Because of this, it's not possible to use "IO-like" objects as data sources unless they specifically inherit from IO.

The interface HTTPResponse requires from its body objects is very simple: it only calls #read and #close, and optionally #bytesize. This means that the type-check is needlessly strict, and prevents custom objects from being used as data sources. The attached patch removes the type-check on IO, allowing duck-typed objects to be used.

The downside to this patch is that you can't pass in objects that duck-type to String's interface. It wouldn't be hard to remove that restriction if necessary, but I figured this was the less intrusive approach.

History

#1 - 03/29/2012 01:31 AM - mame (Yusuke Endoh)

- Status changed from Open to Assigned

- Assignee set to mame (Yusuke Endoh)

It is trivial, and the patch looks good to me.
I'll commit it unless there is objection.

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Yusuke Endoh mame@tsg.ne.jp

#2 - 03/29/2012 11:27 AM - nahi (Hiroshi Nakamura)

Yusuke, you may want to assign it to me (maintainer)
I think it's good to improve, but not yet checked the patch...

#3 - 03/29/2012 11:57 PM - mame (Yusuke Endoh)

- Assignee changed from mame (Yusuke Endoh) to nahi (Hiroshi Nakamura)

You have control.

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Yusuke Endoh mame@tsg.ne.jp

#4 - 11/20/2012 10:02 PM - mame (Yusuke Endoh)

- Target version set to 2.6

Blame NaHi!

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Yusuke Endoh mame@tsg.ne.jp

#5 - 12/25/2017 06:15 PM - naruse (Yui NARUSE)

- Target version deleted (2.6)

#6 - 06/20/2018 01:53 PM - mame (Yusuke Endoh)

- Assignee changed from nahi (Hiroshi Nakamura) to normalperson (Eric Wong)

normalperson (Eric Wong), could you handle this ticket?

#7 - 06/23/2018 09:03 AM - normalperson (Eric Wong)

mame@ruby-lang.org wrote:

> normalperson (Eric Wong), could you handle this ticket?
> https://bugs.ruby-lang.org/issues/5778#change-72539

This seems identical to [Feature #8155] and already implemented.
https://bugs.ruby-lang.org/issues/8155

Files

httpresponse.patch	2.76 KB	12/20/2011	regularfry (Alex Young)