

## Ruby - Feature #5778

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

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

<b>Status:</b>	Closed
<b>Priority:</b>	Normal
<b>Assignee:</b>	normalperson (Eric Wong)
<b>Target version:</b>	
<b>Description</b>	
<p>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.</p> <p>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.</p> <p>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.</p>	

#### 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](mailto: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](mailto: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](mailto: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](mailto: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>

#8 - 11/30/2021 11:46 AM - hsbt (Hiroshi SHIBATA)

- Status changed from Assigned to Closed

webrick is removed from ruby repo since Ruby 3.0.

The canonical repo is here: <https://github.com/ruby/webrick/>

## Files

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<a href="#">httpresponse.patch</a>	2.76 KB	12/20/2011	<a href="#">regularfry (Alex Young)</a>
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