

Ruby - Bug #6436

Byte counting incorrect in BufferedIO (net/protocol.rb)

05/16/2012 05:09 AM - jcast (Jeremie Castagna)

Status:	Closed	Backport:
Priority:	Normal	
Assignee:	nobu (Nobuyoshi Nakada)	
Target version:		
ruby -v:	1.9	
Description		
BufferedIO's @rbuf counts bytes with String#size, but should use String#bytesize. This creates potential incorrect reading of a HTTP body when changing the encoding of each chunk passed by HTTP#read_body:		
http.read_body do chunk chunk.force_encoding "UTF-8" end		

History

#1 - 05/16/2012 05:27 AM - jcast (Jeremie Castagna)

- File protocol.patch added

Patch file.

#2 - 05/16/2012 10:05 AM - nobu (Nobuyoshi Nakada)

- File protocol.patch added

Emacs diff-mode.el provides a function, diff-context->unified.

#3 - 05/17/2012 01:03 AM - mame (Yusuke Endoh)

- Status changed from Open to Assigned

- Assignee set to nobu (Nobuyoshi Nakada)

Thanks Jeremie,
Could you add a test to test/net/http/test_buffered_io.rb ?

Nobu, can you review the patch?

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Yusuke Endoh mame@tsg.ne.jp

#4 - 08/15/2019 01:41 AM - jeremyevans0 (Jeremy Evans)

- Status changed from Assigned to Closed

It looks like this issue was fixed between Ruby 2.4 and 2.5:

```
$ ruby24 -rnet/http -e "p Net::HTTP.start('www.falcom.co.jp', 443, :use_ssl=>true){|http| http.request_get('/')  
{|res| res.read_body{|c| p c.bytesize; c.force_encoding 'UTF-8'}}}"  
0  
16384  
16384  
16384  
4604  
2  
5  
0  
16384  
16384  
16384  
4604  
2
```

```

5
-e: end of file reached (EOFError)

$ ruby24 -rnet/http -e "p Net::HTTP.start('www.falcom.co.jp', 443, :use_ssl=>true){|http| http.request_get('/')
}{|res| res.read_body{|c| p c.bytesize}}}"
0
16384
16384
16384
4604
#<Net::HTTPOK 200 OK readbody=true>

$ ruby25 -rnet/http -e "p Net::HTTP.start('www.falcom.co.jp', 443, :use_ssl=>true){|http| http.request_get('/')
}{|res| res.read_body{|c| p c.bytesize; c.force_encoding 'UTF-8'}}}"
0
16384
16384
16384
4604
#<Net::HTTPOK 200 OK readbody=true>

```

Files

protocol.patch	4.39 KB	05/16/2012	jcast (Jeremie Castagna)
protocol.patch	2.63 KB	05/16/2012	nobu (Nobuyoshi Nakada)