

Ruby master - Feature #15560

Add support for read/write offsets.

01/23/2019 09:39 PM - ioquatix (Samuel Williams)

Status:	Open
Priority:	Normal
Assignee:	
Target version:	
Description	
It would be nice if read/write/send/recv/etc methods could accept an offset argument.	
e.g.	
<pre>socket = Socket.new(...) buffer = String.b socket.read(1024, buffer) socket.read(1024, buffer, offset: buffer.bytesize)</pre>	
The same for write, e.g.	
<pre>socket = Socket.new(...) buffer = String.b amount = socket.write(buffer) socket.write(buffer, offset: amount)</pre>	
Could also include "size:" so that we can selectively write parts of the buffer.	

History

#1 - 01/24/2019 01:29 AM - shyouhei (Shyouhei Urabe)

I can imagine it is useful for TCPSocket#write to accept only a part of a buffer crafted by somebody else. But I cannot think of any actual use case when #read is useful with that extension. Do you have one?

#2 - 01/26/2019 08:30 AM - ioquatix (Samuel Williams)

It is useful for read when user wants to read some data, and it wasn't enough (e.g. implementing gets) so you need to read some more at the end of what you already have.

#3 - 01/26/2019 11:01 AM - ioquatix (Samuel Williams)

Also, rather than using a keyword argument, it could be a 3rd argument after buffer, since buffer must be supplied in order for this to work.

#4 - 01/26/2019 11:03 AM - ioquatix (Samuel Williams)

- Target version deleted (2.7)