

Ruby - Bug #19380

IO.read doesn't validate the offset argument

01/26/2023 02:09 PM - andrykonchin (Andrew Konchin)

Status:	Closed	Backport: 2.7: UNKNOWN, 3.0: UNKNOWN, 3.1: UNKNOWN, 3.2: UNKNOWN
Priority:	Normal	
Assignee:		
Target version:		
ruby -v:	3.1.3	
Description		
I've noticed that when passed negative offset argument IO.read raises a bit confusing error:		
<pre>IO.read("read-test.txt", 1, -1) # (irb):55:in `read': Invalid argument @ rb_io_seek - read-test.txt (Errno::EINVAL)</pre>		
But error for invalid length argument is much more helpful:		
<pre>IO.read("read-test.txt", -1) # (irb):56:in `read': negative length -1 given (ArgumentError)</pre>		
I would expect a similar ArgumentError exception to be raised for invalid offset argument instead of Invalid argument @ rb_io_seek - read-test.txt (Errno::EINVAL)		

Associated revisions

Revision 6c60006de5cfd75f10a1b4a3d822e2de41d22db6 - 03/24/2023 07:29 PM - jeremyevans (Jeremy Evans)

Raise ArgumentError if IO.read is provided negative offset

Fixes [Bug #19380]

Revision 6c60006de5cfd75f10a1b4a3d822e2de41d22db6 - 03/24/2023 07:29 PM - jeremyevans (Jeremy Evans)

Raise ArgumentError if IO.read is provided negative offset

Fixes [Bug #19380]

Revision 6c60006d - 03/24/2023 07:29 PM - jeremyevans (Jeremy Evans)

Raise ArgumentError if IO.read is provided negative offset

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History

#1 - 02/10/2023 09:17 PM - jeremyevans0 (Jeremy Evans)

I've submitted a pull request to fix this: <https://github.com/ruby/ruby/pull/7289>

#2 - 03/24/2023 07:29 PM - jeremyevans (Jeremy Evans)

- Status changed from Open to Closed

Applied in changeset [git\[6c60006de5cfd75f10a1b4a3d822e2de41d22db6\]](#).

Raise ArgumentError if IO.read is provided negative offset

Fixes [Bug [#19380](#)]