

Ruby - Bug #20753

[doc] IO::Buffer examples try to write into readonly buffer returned from IO::Buffer.for

09/18/2024 10:17 AM - hanazuki (Kasumi Hanazuki)

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|------------------------|--|---|
| Status: | Closed | |
| Priority: | Normal | |
| Assignee: | ioquatix (Samuel Williams) | |
| Target version: | | |
| ruby -v: | ruby 3.4.0dev (2024-09-18T02:16:22Z master 4797b0704a) +PRISM [x86_64-linux] | Backport: 3.1: UNKNOWN, 3.2: UNKNOWN, 3.3: UNKNOWN |

Description

IO::Buffer.for without a block returns a readonly IO::Buffer. Some examples in the documentation for IO::Buffer write into the readonly buffers, which actually raise an IO::Buffer::AccessError.

From IO::Buffer#clear:

```
buffer = IO::Buffer.for('test')
# =>
# <IO::Buffer 0x00007fca40087c38+4 SLICE>
# 0x00000000 74 65 73 74      test

buffer.clear
# =>
# <IO::Buffer 0x00007fca40087c38+4 SLICE>
# 0x00000000 00 00 00 00      ....
```

From IO::Buffer#copy:

```
string= "data:  "
# => "data:  "
buffer = IO::Buffer.for(string)
buffer.copy(IO::Buffer.for("test"), 5)
# => 4
```

And IO::Buffer#slice, which should be fixed along with its implementation [#20752](#)

History

#1 - 09/30/2024 05:19 AM - mame (Yusuke Endoh)

- Assignee set to ioquatix (Samuel Williams)

#2 - 09/30/2024 12:22 PM - ioquatix (Samuel Williams)

<https://github.com/ruby/ruby/pull/11737>

#3 - 11/05/2024 03:52 PM - ioquatix (Samuel Williams)

- Status changed from Open to Closed

Thanks for your report, this is now fixed.