

Ruby - Bug #20566

string << 0xC2 should raise a RangeError if the string encoding is Encoding::ASCII

06/09/2024 12:22 AM - postmodern (Hal Brodigan)

Status:Closed Priority:Normal Assignee: Target version: ruby -v:ruby 3.4.0preview1 (2024-05-16 master 9d69619623) [x86_64-linux]	Backport:3.1: UNKNOWN, 3.2: UNKNOWN, 3.3: UNKNOWN
Description I noticed that appending extended ASCII characters (0x80 - 0xff) works when the String's encoding is Encoding::ASCII, as well as Encoding::ASCII_8BIT. I was under the impression that Encoding::ASCII only covers the regular ASCII character set (0x00 - 0x7F). I believe appending 0xC2 to a String with Encoding::ASCII should raise a RangeError. Steps To Reproduce str = String.new(encoding: Encoding::ASCII) str << 0xC2 Expected Result RangeError: character 194 is out of range Actual Result "\xC2"	
Related issues: Related to Ruby - Bug #18973: Kernel#sprintf: %c allows codepoints above 127 ... Closed	

Associated revisions

Revision dd8903fed72c2d06fe7a0ca6b5ef88e9140be451 - 06/09/2024 01:11 AM - nobu (Nobuyoshi Nakada)

[Bug #20566] Mention out-of-range argument cases in String#<<

Also [Bug #18973].

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History

#1 - 06/09/2024 12:44 AM - nobu (Nobuyoshi Nakada)

- Related to Bug #18973: Kernel#sprintf: %c allows codepoints above 127 for 7-bits ASCII encoding added

#2 - 06/09/2024 12:45 AM - nobu (Nobuyoshi Nakada)

It is a [spec](#).

#3 - 06/09/2024 09:45 AM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Closed

Applied in changeset [git|dd8903fed72c2d06fe7a0ca6b5ef88e9140be451](#).

[Bug [#20566](#)] Mention out-of-range argument cases in String#<<

Also [Bug [#18973](#)].