

Ruby - Bug #19763

Inconsistent error message for String#index vs String#rindex

07/08/2023 02:53 PM - itarato (Peter Arato)

Status:	Closed	Backport: 3.0: UNKNOWN, 3.1: UNKNOWN, 3.2: UNKNOWN
Priority:	Normal	
Assignee:		
Target version:		
ruby -v:	3.3.0	

Description

String#index and String#rindex yields different error messages when used with a Regexp argument:

```
'abc'.force_encoding("ISO-2022-JP").index(/ /)
```

Prints: incompatible character encodings: ISO-2022-JP and UTF-8 (Encoding::CompatibilityError)

```
'abc'.force_encoding("ISO-2022-JP").rindex(/ /)
```

Prints: incompatible encoding regexp match (UTF-8 regexp with ISO-2022-JP string) (Encoding::CompatibilityError)

Looking at a few other use cases (eg String#byteindex, String#byterindex) Ruby seems to use the message incompatible encoding regexp match when encoding is checked between a String and a Regexp instance. Is this a bug for String#index?

Associated revisions

- Revision e2257831ab20915b839eeaff79c6ec45b498de77 - 07/09/2023 07:21 AM - nobu (Nobuyoshi Nakada)**

[Bug #19763] Raise same message exception for regexp
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History

- #1 - 07/08/2023 05:20 PM - nobu (Nobuyoshi Nakada)**

<https://github.com/ruby/ruby/pull/8045>
- #2 - 07/09/2023 08:09 AM - nobu (Nobuyoshi Nakada)**

- Status changed from Open to Closed

Applied in changeset [git|e2257831ab20915b839eeaff79c6ec45b498de77](https://github.com/ruby/ruby/commit/e2257831ab20915b839eeaff79c6ec45b498de77).

[Bug [#19763](#)] Raise same message exception for regexp