

What's the default encoding of `String.new`?

01/10/2025 04:57 PM - deivid (David Rodríguez)

Status:	Closed	
Priority:	Normal	
Assignee:		
Description In the documentation (https://docs.ruby-lang.org/en/3.4/encodings_rdoc.html#label-String+Encoding) I see a good explanation of default string encodings: String Encoding A Ruby <code>String</code> object has an encoding that is an instance of class <code>Encoding</code>. The encoding may be retrieved by method <code>String#encoding</code>. The default encoding for a string literal is the script encoding; see Script Encoding. <pre>'s'.encoding # => #<Encoding:UTF-8></pre> The default encoding for a string created with method <code>String.new</code> is: - For a <code>String</code> object argument, the encoding of that string. - For a string literal, the script encoding; see Script Encoding. However, it does not mention <code>String.new</code> without an argument, which is the one case where I see inconsistent behavior. <pre>irb(main):001> "".encoding => #<Encoding:UTF-8> irb(main):002> String.new("").encoding => #<Encoding:UTF-8> irb(main):003> String.new(a="").encoding => #<Encoding:UTF-8> irb(main):004> String.new.encoding => #<Encoding:BINARY (ASCII-8BIT)></pre> Should this be documented or changed?		

Associated revisions

Revision cde065c32c8db34eaf2c6b8646a2d4a34e20a3ec - 01/10/2025 10:36 PM - deivid (David Rodríguez)

Clarify documentation for encoding of `String.new` without arguments

[Bug #21025]

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Clarify documentation for encoding of `String.new` without arguments

[Bug #21025]

Revision cde065c3 - 01/10/2025 10:36 PM - deivid (David Rodríguez)

Clarify documentation for encoding of `String.new` without arguments

[Bug #21025]

History

#1 - 01/10/2025 05:22 PM - Eregon (Benoit Daloze)

It's just a documentation bug.
It's always BINARY for String.new without args.

#2 - 01/10/2025 06:12 PM - deivid (David Rodríguez)

Cool, thanks for the info, I'll create a PR to improve the documentation.

#3 - 01/10/2025 07:48 PM - deivid (David Rodríguez)

I created <https://github.com/ruby/ruby/pull/12548> for this.

#4 - 01/10/2025 11:03 PM - deivid (David Rodríguez)

- Status changed from Open to Closed

Applied in changeset [git|cde065c32c8db34eaf2c6b8646a2d4a34e20a3ec](#).

Clarify documentation for encoding of String.new without arguments

[Bug [#21025](#)]

Files

Captura de pantalla 2025-01-10 a las 17.53.06.png	139 KB	01/10/2025	deivid (David Rodríguez)
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