

Ruby - Bug #17557

IRB array returned in multiple lines

01/19/2021 05:18 AM - sergioro (Sergio Romero)

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|--|--|---|
| Status: | Closed | |
| Priority: | Normal | |
| Assignee: | | |
| Target version: | | |
| ruby -v: | ruby 2.7.0p0 (2019-12-25 revision 647ee6f091) [x86_64-linux] | Backport: 2.5: UNKNOWN, 2.6: UNKNOWN, 2.7: UNKNOWN, 3.0: UNKNOWN |
| Description <p>Hi Rubysts. In previous versions of IRB an array was displayed in a single line like:</p> <pre>'s'.methods => [:unicode_normalize, :unicode_normalize!, :ascii_only?, :to_r, :unpack, ..., :!=, :equal?, :__id__, :instance_eval, :instance_exec]</pre> <p>But in version 1.3.1 (2021-01-12) the array is returned in multiple lines:</p> <pre>'s'.methods => [:unicode_normalize, :unicode_normalize!, :ascii_only?, :to_r, :unpack, ..., :!=, :equal?, :__id__, :instance_eval, :instance_exec]</pre> <p>Is there a way to toggle this behavior, perhaps IRB.conf?</p> | | |

History

#1 - 01/19/2021 06:18 AM - k0kubun (Takashi Kokubun)

- Status changed from Open to Closed

We changed the default IRB inspector from inspect-based one to pretty_inspect-based one, which prints a content in multiple lines when it exceeds 79 chars, for Ruby 3.1+ IRB.

Given that, we have two choices:

- 1. Use IRB.conf[:INSPECT_MODE] = :inspect in your ~/.irbrc. This makes the behavior compatible with Ruby 3.0 IRB, which, however, cannot syntax-highlight an inspect output of objects like Struct.
 - 2. Dynamically change the threshold 79 using Reline's API in the new pp-based inspector. It would still print an array in a single line as long as it's not too large.
- 2 would be a valid feature request, but because my comment already addresses the ticket's concern, I'm closing this ticket.

#2 - 01/19/2021 06:46 AM - k0kubun (Takashi Kokubun)

The point 2 was merged to IRB master <https://github.com/ruby/irb/pull/174>. It seems 's'.methods returns way more things than what's written in the description and thus it doesn't help your case though.

#3 - 01/19/2021 07:50 AM - sergioro (Sergio Romero)

Thanks, (1) solved the issue.