### Ruby master - Misc #14921

**DevelopersMeeting20180809Japan**

07/19/2018 12:47 AM - shyouhei (Shyouhei Urabe)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
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<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td></td>
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</tbody>
</table>

**Description**

Please comment your favorite ticket numbers you want to ask to discuss with your SHORT comment or summary. (your summary/comment will help us because we don't need to read all of ticket comments)

*DO NOT* discuss then on this ticket, please.

- Date: 2018/08/09 (Thu)
- Time: 14:00-18:00 (JST)
- Place: pixiv Inc. (Tokyo, Japan)
- Sign-up: [https://ruby.connpass.com/event/95321/](https://ruby.connpass.com/event/95321/)
- log: [https://docs.google.com/document/d/1vRni7iVYigMP3Xql6A-yLL2XQfK2dDjx7WAXz2tE4oA0/edit](https://docs.google.com/document/d/1vRni7iVYigMP3Xql6A-yLL2XQfK2dDjx7WAXz2tE4oA0/edit)
- logpub: [https://docs.google.com/document/d/1vRni7iVYigMP3Xql6A-yLL2XQfK2dDjx7WAXz2tE4oA0/pub](https://docs.google.com/document/d/1vRni7iVYigMP3Xql6A-yLL2XQfK2dDjx7WAXz2tE4oA0/pub)

### NOTES

- Dev meeting /IS NOT/ a decision making place. All decisions should be done at the bug tracker.
- Dev meeting is a place we can ask Matz, nobu, nurse and other developers directly.
- Matz is a very busy person. Take this opportunity to ask him. If you can not attend, other attendees can ask instead of you (if attendee can understand your issue).
- We will write a log about discussion to a file or to each ticket in English.
- All activities are best-effort (keep in mind that most of us are volunteer developers).
- The date, time and place is scheduled according to when/where we can reserve Matz’s time.

### Agenda

**Next dev-meeting**

**About 2.6 timeframe**

**Carry-over from previous meeting(s)**

- [Bug #14887] Array#delete_if does not use #delete (shyouhei)
  - Is it by design, or a bug?
- [Feature #13050] Readline: expose rl_completion_quote_character variable (nobu)
- [Feature #14850] Add official API for setting timezone on Time (nobu)
- [Feature #14869] Proposal to add Hash#=== (nobu)
- [Feature #14916] Proposal to add Array#=== (aycabta)
- [Feature #14877] Calculate age in Date class (nobu)
- [Bug #14908] Enumerator::Lazy creates unnecessary Array objects. (nobu)

### From Attendees

(Will be edited later)

(If you have a write access permission, please list directly)

- [Feature #5446] at_fork callback API (eregon) Can we get approval for introducing this? It is solving a real-world issue, in a more reliable way than the various hacks in most Ruby servers.
- [Feature #11258] add 'x' mode character for O_EXCL (kazu)
- [Misc #14907] io.c: do not close inherited FDs by default (akr)
- [Feature #14973] Proposal of percent literal to expand Hash (aycabta)
From non-attendees

- [Feature #14717] thread: allow disabling preempt (normalperson)

- [Feature #11076] Enumerable method count_by (baweaver)
  As mentioned in the discussion, Nobu was kind enough to update this to work with current master for Ruby: https://github.com/ruby/ruby/compare/trunk...nobu:feature/11076-Enumerable%23count_by

  As the code is already written I believe it would be an ideal target for 2.6 as a quick win on an often requested feature.

- [Feature #14954] Add :wait option to RubyVM::MJIT.pause (k0kubun)
  - Since it's not released even in preview2 yet, is it okay to change the behavior?
  - Is there any objection for having the option or the option name?

  (baweaver)
  - [Feature #14869] Proposal to add Hash### (nobu)
  - [Feature #14916] Proposal to add Array### (aycabta)
  - [Feature #14912] Introduce pattern matching syntax

  I believe that these three items are related, and personally I could do a lot of very interesting things with Array### and Hash### that would get us exceptionally close to features discussed in [Feature #14709]

  This to say I would second the inclusion of the first two items as they relate to the third and fourth. It would give Ruby an exceptional amount of power.

- [Feature #14759] [PATCH] set M_ARENA_MAX for glibc malloc (sam.saffron)
  I would also very much like to see it backported 2.4 and 2.5. It is of enormous value to the ecosystem

- [Feature #14739] Thread selector for flexible cooperative fiber based concurrency (ioquatix)

- [Feature #14736] Improve fiber yield/resume performance (ioquatix)

- [Bug #14968] io.c: make all pipes nonblocking by default (normalperson)

- [Misc #14937] timer-thread elimination depends on Bug #14968

- [Feature #14944] Support optional inherit argument for Module#method_defined? (jeremyevans0)

(related to Ruby master - Misc #14770: [META] DevelopersMeeting)

<table>
<thead>
<tr>
<th>Related issues:</th>
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<tbody>
<tr>
<td>Related to Ruby master - Misc #14770: [META] DevelopersMeeting</td>
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</tbody>
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History

#1 - 07/19/2018 08:22 PM - Eregon (Benoit Daloze)
- Description updated

#2 - 07/20/2018 01:03 AM - hsbt (Hiroshi SHIBATA)
- Description updated

#3 - 07/23/2018 03:52 PM - normalperson (Eric Wong)

- [Links: bugs.ruby-lang.org/issue] #14921

- [Feature #14717] thread: allow disabling preempt

#4 - 07/25/2018 03:31 PM - shevegen (Robert A. Heiler)
(Sorry for this short comment but I think the issue here is filed under "Bug" presently, but should perhaps be moved towards "Misc" instead, like the two prior dev-meetings.)

#5 - 07/25/2018 03:52 PM - matz (Yukihiro Matsumoto)
- Backport deleted (2.3: UNKNOWN, 2.4: UNKNOWN, 2.5: UNKNOWN)
- Tracker changed from Bug to Misc

#6 - 07/27/2018 04:24 AM - baweaver (Brandon Weaver)
[Feature #11076] Enumerable method count_by

As mentioned in the discussion, Nobu was kind enough to update this to work with current master for Ruby:
https://github.com/ruby/ruby/compare/trunk...nobu:feature/11076-Enumerable%23count_by

As the code is already written I believe it would be an ideal target for 2.6 as a quick win on an often requested feature.

Thank you for reading!

#7 - 07/31/2018 10:19 AM - k0kubun (Takashi Kokubun)

- [Feature #14954] Add :wait option to RubyVM::MJIT.pause
  - Since it's not released even in preview2 yet, is it okay to change the behavior?
  - Is there any objection for having the option or the option name?

#8 - 08/01/2018 12:27 AM - baweaver (Brandon Weaver)

- [Feature #14869] Proposal to add Hash#==== (nobu)
- [Feature #14916] Proposal to add Array#==== (aycabta)
- [Feature #14912] Introduce pattern matching syntax

I believe that these three items are related, and personally I could do a lot of very interesting things with Array#==== and Hash#==== that would get us exceptionally close to features discussed in [Feature #14709]

This to say I would second the inclusion of the first two items as they relate to the third and fourth. It would give Ruby an exceptional amount of power.

#9 - 08/01/2018 02:22 AM - sam.saffron (Sam Saffron)

really hoping we can make a call on:

https://bugs.ruby-lang.org/issues/14759

I would also very much like to see it backported 2.4 and 2.5. It is of enormous value to the ecosystem

#10 - 08/01/2018 06:20 AM - duerst (Martin Dürst)

sam.saffron (Sam Saffron) wrote:

really hoping we can make a call on:

https://bugs.ruby-lang.org/issues/14759

sam.saffron (Sam Saffron): Please follow the format; not everybody can remember numbers. So this should be

- [Feature #14759] set M_ARENA_MAX for glibc malloc

I would also very much like to see it backported 2.4 and 2.5. It is of enormous value to the ecosystem

#11 - 08/05/2018 06:30 AM - loquatix (Samuel Williams)

I am in Narita and I will try to come to the meeting. The only reason why I won't make it is because I get lost on the way :)

I would like to discuss the following issues:

https://bugs.ruby-lang.org/issues/14736
https://bugs.ruby-lang.org/issues/14739

if we have time.
#12 - 08/06/2018 03:11 AM - baweaver (Brandon Weaver)
[Feature #14967] Any type - Adds a wildcard type, primarily for use in Pattern Matching type syntaxes

This would be related to, and give more expressive power to the following features:

[Feature #14869] Proposal to add Hash#=== (nobu)
[Feature #14916] Proposal to add Array#=== (aycabta)

#13 - 08/06/2018 05:03 AM - normalperson (Eric Wong)

- [Bug #14968] io.c: make all pipes nonblocking by default
- [Misc #14937] timer-thread elimination depends on [Bug #14968]

#14 - 08/06/2018 02:42 PM - jeremyevans0 (Jeremy Evans)

- [Feature #14944] Support optional inherit argument for Module#method_defined?

#15 - 08/06/2018 12:14 AM - znz (Kazuhiro NISHIYAMA)
- Description updated

#16 - 08/06/2018 01:45 AM - aycabta (aycabta .)

- [Feature #14973] Proposal of percent literal to expand Hash

#17 - 08/09/2018 05:05 AM - akr (Akira Tanaka)
[Misc #14907] io.c: do not close inherited FDs by default

#18 - 08/09/2018 05:07 AM - akr (Akira Tanaka)
- Description updated

#19 - 08/09/2018 05:09 AM - naruse (Yui NARUSE)
- Description updated

#20 - 08/09/2018 05:23 AM - shyouhei (Shyouhei Urabe)
- Description updated

#21 - 08/09/2018 05:24 AM - shyouhei (Shyouhei Urabe)
- Description updated

#22 - 08/09/2018 06:05 AM - mame (Yusuke Endoh)
- Description updated

#23 - 08/09/2018 06:13 AM - ioquatix (Samuel Williams)
One more issue which would be awesome to get some input on would be https://bugs.ruby-lang.org/issues/14975 if you have time. Thanks!
[Feature #14975] String#append without changing receiver's encoding (ioquatix)

#24 - 08/09/2018 06:42 AM - aycabta (aycabta .)

- [Feature #14914] Add BasicObject#instance_exec_with_block

#25 - 08/11/2018 04:00 AM - znz (Kazuhiro NISHIYAMA)
- Related to Misc #14770: [META] DevelopersMeeting added

#26 - 11/14/2018 04:34 AM - hsbt (Hiroshi SHIBATA)
- Status changed from Open to Closed