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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<tr>
<td>Priority:</td>
<td>Normal</td>
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<td>Assignee:</td>
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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/
- log: https://docs.google.com/document/d/1vRni7vYigMP3Xql6A-yLL2XQfK2dDjx7WAx2tE4oA0/edit
- logpub: https://docs.google.com/document/d/1vRni7vYigMP3Xql6A-yLL2XQfK2dDjx7WAx2tE4oA0/pub
- Past meetings: https://bugs.ruby-lang.org/projects/ruby/wiki#Developer-Meetings

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 attendees 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 (erogen) 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 #14736] Thread selector for flexible cooperative fiber based concurrency (ioquatix)

- [Feature #14739] 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)

(will be edited later)

(if you have a write access, please list directly)

Related issues:
Related to Ruby master - Misc #14770: [META] DevelopersMeeting Open

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

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

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

  https://bugs.ruby-lang.org/issues/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 - ioquatix (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.
# 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 #14899] Proposal to add Hash#=== (nobi)
- [Feature #14916] Proposal to add Array#=== (aycabta)

# Bug #14968: io.c: make all pipes nonblocking by default

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

# Feature #14944: Support optional inherit argument for Module#method_defined?

# Description updated

# Feature #14973: Proposal of percent literal to expand Hash

# Description updated

# Bug #14968: io.c: make all pipes nonblocking by default

# Description updated

# Feature #14975: String#append without changing receiver's encoding (ioquatix)

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 #14914: Add BasicObject#instance_exec_with_block

# Description updated

# Feature #14975: String#append without changing receiver's encoding (ioquatix)

- Related to Misc #14770: [META] DevelopersMeeting added

# Status changed from Open to Closed

#08/11/2018 04:00 AM - znz (Kazuhiro NISHIYAMA)

- Description updated

#08/11/2018 04:34 AM - hsbt (Hirosi SHIBATA)

- Status changed from Open to Closed