The next dev meeting

Date: 2020/05/14 13:00-17:00
Place/Sign-up/Agenda/Log: https://docs.google.com/document/d/11rxI64jKryYIDDsGZBtfjYHNepeOvLw1DZBYAdVHF8/edit

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 the 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 are scheduled according to when/where we can reserve Matz's time.
DO NOT discuss then on this ticket, please.

Call for agenda items

If you have a ticket that you want matz and committers to discuss, please post it into this ticket in the following format:

* [Ticket ref] Ticket title (your name)
  * Comment (A summary of the ticket, why you put this ticket here, what point should be discussed, etc.)

Example:

* [Feature #14609] `Kernel#p` without args shows the receiver (kol)
  * I feel this feature is very useful and some people say :+1: so let discuss this feature.

Comment deadline: 2020/05/07 (one week before the meeting)
The format is strict. We'll use this script to automatically create a markdown-style agenda. We may ignore a comment that does not follow the format.
Your comment is mandatory. We cannot read all discussion of the ticket in a limited time.
• Allow slicing arrays with ArithmeticSequence (zverok)
  - `ary[(5..20) % 2]`—each second element between 5 and 20
  - `ary[(0..) % 3]`—each third element
  - `ary[10.step(by: -1)]`—elements 10, 9, 8, 7 ....
  - Python has and uses it (in form of `beg:end:step`), and ArithmeticSequence and Range`#%` were introduced for this

#5 - 04/24/2020 02:11 AM - ioquatix (Samuel Williams)

• Introduce Fiber`#backtrace` (ioquatix)
  - Add Fiber`#backtrace` which gets any fiber backtrace. Very useful for debugging fiber state.
• Light weight scheduler for improved concurrency. (ioquatix)
  - Please check it and confirm if we can merge it, or outline what changes are required.

#6 - 04/24/2020 05:13 AM - k0kubun (Takashi Kokubun)

• Struct`#initialize` accepts keyword arguments too by default (k0kubun)
  - This obviates keyword_init: true. Is the described incompatibility and release plan (3.0: warn, 3.1: introduce) acceptable?

#7 - 04/30/2020 10:54 AM - zverok (Victor Shepelev)

• Array slicing: nils and edge cases (zverok)
  - Never return nil from `ary[start...end]` even if out of arrays' bounds

#8 - 04/30/2020 07:18 PM - stan3 (Tristan Hill)

• Setting SSLContext`#extra_chain_cert` in Net::HTTP (stan3)
  - useful to allow https with cert chain, small patch, few :+1s

#9 - 05/02/2020 02:54 AM - shyouhei (Shyouhei Urabe)

• Repository reorganization request (shyouhei)
  - I remember nobu (Nobuyoshi Nakada) has the working branch about this.
  - I would like to know its current situation.

#10 - 05/02/2020 09:15 AM - sawa (Tsuyoshi Sawada)

• Add String`#split` option to set split_type string with a single space separator (sawa)
  - Proposal by 284km. Allow splitting literally by " " when the argument is " ".

#11 - 05/06/2020 11:40 AM - byroot (Jean Boussier)

• Use `#name` rather than `#inspect` to build "uninitialized constant" error messages (byroot)
  - As `#name` on Module and Class is more likely to return a proper constant name than `#inspect`

#12 - 05/07/2020 07:52 AM - mame (Yusuke Endoh)

• Add option to print backtrace in reverse order (stack frames first and error last) (mame)
  - matz, could you check the spec of --suppress-backtrace? And should we change the name to --backtrace-limit or something?

#13 - 05/07/2020 08:15 AM - k0kubun (Takashi Kokubun)

• Can we make Ruby 3.0 as fast as Ruby 2.7 with the new assertions? (k0kubun)
  - Do we have a policy on what kind of assertions should be always enabled and what should be CI-only, especially when it has impact on performance?

#14 - 05/07/2020 08:31 AM - mrkn (Kenta Murata)
[Feature #16827] C API for writing custom random number generator that can be used as Random objects (mrkn)
- I need such a feature to implement custom RNGs in an extension library