

## Issues

| #     | Project | Tracker | Status | Subject                                                                                                                                  | Assignee | Updated             |
|-------|---------|---------|--------|------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------|
| 20904 | Ruby    | Bug     | Open   | 3.4.0-preview2: Building miniruby.exe fails for mswin32                                                                                  |          | 12/11/2024 01:58 AM |
| 18332 | Ruby    | Feature | Open   | a ? b                                                                                                                                    |          | 12/29/2021 04:38 AM |
| 12272 | Ruby    | Feature | Open   | Accepting HTML entity name in string literal                                                                                             |          | 04/13/2016 05:16 AM |
| 12247 | Ruby    | Feature | Open   | accept multiple arguments at Array#delete                                                                                                |          | 04/04/2016 10:16 PM |
| 16381 | Ruby    | Feature | Open   | Accept resolv_timeout in Net::HTTP                                                                                                       |          | 11/29/2019 04:38 PM |
| 21522 | Ruby    | Bug     | Open   | Accessing outer locals via eval in a Ractor returns false                                                                                | ractor   | 07/30/2025 11:25 PM |
| 9992  | Ruby    | Feature | Open   | Access Modifiers (Internal Interfaces)                                                                                                   |          | 12/18/2017 03:04 PM |
| 12867 | Ruby    | Feature | Open   | Add ability to check validity of a URL                                                                                                   |          | 12/23/2021 11:43 PM |
| 17834 | Ruby    | Feature | Open   | Add a Bytes and ByteArray class that implement memoryview                                                                                |          | 05/06/2021 02:22 PM |
| 18168 | Ruby    | Feature | Open   | Add ActiveSupport deep_transform_values to Ruby                                                                                          |          | 09/15/2021 05:29 AM |
| 17155 | Ruby    | Feature | Open   | Add a Diggable mixin                                                                                                                     |          | 09/05/2020 02:08 PM |
| 14758 | Ruby    | Feature | Open   | Add a first-class support for isolated bounded packages / modules / contexts                                                             |          | 05/18/2018 09:13 AM |
| 17942 | Ruby    | Feature | Open   | Add a `initialize(public @a, private @b)` shortcut syntax for defining public/private accessors for instance vars as part of constructor |          | 12/04/2022 06:44 AM |
| 9185  | Ruby    | Feature | Open   | Add alias_class_method or class_alias functionality                                                                                      |          | 01/05/2018 09:00 PM |
| 15446 | Ruby    | Feature | Open   | Add a method `String#each_match` to the Ruby core                                                                                        |          | 02/06/2019 08:00 AM |
| 13395 | Ruby    | Feature | Open   | Add a method to check for not nil                                                                                                        |          | 09/30/2017 12:53 PM |
| 21140 | Ruby    | Feature | Open   | Add a method to get the address of certain JIT related functions                                                                         |          | 07/22/2025 03:37 AM |
| 16761 | Ruby    | Feature | Open   | Add an API to move the entire heap, as to make testing GC.compact compatibility easier                                                   |          | 05/07/2020 04:03 PM |
| 16665 | Ruby    | Feature | Open   | Add an Array#except_index method                                                                                                         |          | 03/15/2020 03:37 PM |
| 18762 | Ruby    | Feature | Open   | Add an Array#undigits that compliments Integer#digits                                                                                    |          | 06/23/2024 04:58 PM |
| 13820 | Ruby    | Feature | Open   | Add a nil coalescing operator                                                                                                            |          | 11/26/2024 09:41 AM |
| 19119 | Ruby    | Feature | Open   | Add an interface for out-of-process profiling tools to access Ruby information                                                           |          | 11/15/2022 12:10 PM |
| 16946 | Ruby    | Feature | Open   | Add an `intersperse` method                                                                                                              |          | 09/15/2022 11:21 AM |
| 21107 | Ruby    | Feature | Open   | Add a Ractor safety & shareability section to stdlib class docs                                                                          |          | 02/02/2025 06:57 AM |
| 19628 | Ruby    | Feature | Open   | Add ARGF.each_file for iterating file/io objects                                                                                         |          | 05/03/2023 02:17 AM |
| 16913 | Ruby    | Feature | Open   | Add `ARGF#each_io`                                                                                                                       |          | 05/25/2020 11:33 PM |
| 8626  | Ruby    | Feature | Open   | Add a Set coercion method to the standard lib: Set(possible_set)                                                                         |          | 12/23/2021 11:43 PM |
| 18004 | Ruby    | Feature | Open   | Add Async to the stdlib                                                                                                                  |          | 07/05/2022 05:09 PM |
| 16244 | Ruby    | Feature | Open   | Add a Time#before? and Time#after? method                                                                                                |          | 12/15/2019 12:59 AM |
| 18228 | Ruby    | Feature | Open   | Add a `timeout` option to `IO.copy_stream`                                                                                               |          | 10/01/2021 05:10 AM |
| 18594 | Ruby    | Feature | Open   | Add a #to_h method on URI::Generic                                                                                                       |          | 03/31/2022 01:18 PM |

| #     | Project | Tracker | Status | Subject                                                                                    | Assignee | Updated             |
|-------|---------|---------|--------|--------------------------------------------------------------------------------------------|----------|---------------------|
| 12455 | Ruby    | Feature | Open   | Add a way for class String to determine whether it has only numbers / digits or not        |          | 07/20/2016 03:13 AM |
| 16018 | Ruby    | Feature | Open   | Add a way to deprecate methods                                                             |          | 09/02/2019 06:24 AM |
| 15222 | Ruby    | Feature | Open   | Add a way to distinguish between Struct classes with and without keyword initializer       |          | 10/11/2018 01:16 PM |
| 16150 | Ruby    | Feature | Open   | Add a way to request a frozen string from to_s                                             |          | 06/03/2022 04:42 PM |
| 11148 | Ruby    | Feature | Open   | Add a way to require files, but not raise an exception when the file isn't found           |          | 05/13/2015 05:57 PM |
| 18593 | Ruby    | Feature | Open   | Add back URI.escape                                                                        |          | 02/18/2022 07:45 PM |
| 20664 | Ruby    | Feature | Open   | Add `before` and `until` options to Enumerator.produce                                     |          | 08/28/2024 02:07 PM |
| 12802 | Ruby    | Feature | Open   | Add BLAKE2 support to Digest                                                               |          | 09/02/2019 05:58 AM |
| 16282 | Ruby    | Feature | Open   | Add "call data" wrapper IMEMO object so inline cache can be updated                        |          | 10/29/2019 12:13 AM |
| 11373 | Ruby    | Feature | Open   | Add command line option to query valid values for --dump                                   |          | 07/27/2021 11:09 AM |
| 13263 | Ruby    | Feature | Open   | Add companion integer nth-root method to recent Integer#isqrt                              |          | 04/05/2017 12:49 AM |
| 15393 | Ruby    | Feature | Open   | Add compilation flags to freeze Array and Hash literals                                    |          | 02/28/2025 08:21 PM |
| 17496 | Ruby    | Feature | Open   | Add constant Math::TAU                                                                     |          | 01/13/2021 05:47 AM |
| 20987 | Ruby    | Feature | Open   | Add dbg - minimal debugging helper                                                         |          | 01/09/2025 11:26 AM |
| 18146 | Ruby    | Feature | Open   | Add `delete_prefix` and `delete_suffix` to `Pathname`                                      |          | 09/03/2021 04:59 AM |
| 14618 | Ruby    | Feature | Open   | Add display width method to String for CLI                                                 |          | 03/21/2018 04:00 AM |
| 14768 | Ruby    | Misc    | Open   | Add documentation for    and &&                                                            |          | 05/17/2018 09:45 AM |
| 15514 | Ruby    | Misc    | Open   | Add documentation for implicit array decomposition                                         |          | 01/10/2019 04:43 PM |
| 15590 | Ruby    | Feature | Open   | Add dups to Array to find duplicates                                                       |          | 02/08/2019 10:00 AM |
| 11577 | Ruby    | Feature | Open   | Add encodeURIComponent compatible API for URI                                              |          | 10/09/2015 01:40 PM |
| 14077 | Ruby    | Feature | Open   | Add Encoding::FILESYSTEM and Encoding::LOCALE constants                                    |          | 11/03/2017 09:31 PM |
| 14399 | Ruby    | Feature | Open   | Add Enumerable#product                                                                     |          | 08/11/2019 09:34 PM |
| 19787 | Ruby    | Feature | Open   | Add Enumerable#uniq_map, Enumerable::Lazy#uniq_map, Array#uniq_map and Array#uniq_map!     |          | 03/16/2024 03:40 AM |
| 14593 | Ruby    | Feature | Open   | Add `Enumerator#concat`                                                                    |          | 03/08/2018 09:15 PM |
| 20476 | Ruby    | Feature | Open   | Add Enumerator#eager that returns self, like Enumerator::Lazy#lazy                         |          | 05/07/2024 11:25 PM |
| 20164 | Ruby    | Feature | Open   | Add Exception#deconstruct_keys                                                             |          | 01/15/2024 05:07 PM |
| 19197 | Ruby    | Feature | Open   | Add Exception#root_cause                                                                   |          | 06/03/2023 12:00 AM |
| 14092 | Ruby    | Feature | Open   | Add extension key argument to Tempfile                                                     |          | 11/08/2017 06:47 PM |
| 18248 | Ruby    | Misc    | Open   | Add Feature Triaging Guide                                                                 |          | 10/12/2021 03:21 PM |
| 13893 | Ruby    | Feature | Open   | Add Fiber#[] and Fiber#[]= and restore Thread#[] and Thread#[]= to their original behavior |          | 08/14/2020 01:48 AM |
| 11583 | Ruby    | Feature | Open   | Add File#unlink                                                                            |          | 10/12/2015 05:40 AM |
| 17165 | Ruby    | Feature | Open   | Add `filter` and `flatten` keywords to `Enumerable#map`                                    |          | 09/13/2020 09:41 AM |
| 19355 | Ruby    | Feature | Open   | Add finer coarsed locking for searching callable method entries                            |          | 01/19/2023 10:18 PM |

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|-------|---------|---------|--------|-------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------|
| 16929 | Ruby    | Feature | Open   | Add GC.start(compact: true)                                                                                                         |          | 06/01/2020 03:42 PM |
| 20768 | Ruby    | Feature | Open   | Add Hash#delete_at                                                                                                                  |          | 10/01/2024 06:27 PM |
| 21182 | Ruby    | Feature | Open   | Add Hash#rename                                                                                                                     |          | 03/12/2025 05:41 AM |
| 13924 | Ruby    | Feature | Open   | Add headings/hints to RubyVM::InstructionSequence#disasm                                                                            |          | 09/20/2017 01:40 PM |
| 20408 | Ruby    | Feature | Open   | Add heap_live_slots to GC.stat_heap                                                                                                 |          | 04/04/2024 05:50 AM |
| 9556  | Ruby    | Feature | Open   | Add HTTP#get block functionality to HTTP.get                                                                                        |          | 02/23/2014 05:53 AM |
| 21015 | Ruby    | Feature | Open   | Add in a `-g` flag, like `-s` but with a few more quality of life features                                                          |          | 01/11/2025 12:26 AM |
| 19428 | Ruby    | Feature | Open   | Adding a "piped heredoc" feature                                                                                                    |          | 02/20/2023 06:12 PM |
| 15202 | Ruby    | Misc    | Open   | Adding Coverity Scan to CI to see the result casually                                                                               |          | 10/25/2018 10:50 AM |
| 14404 | Ruby    | Feature | Open   | Adding writev support to IO#write_nonblock                                                                                          |          | 01/29/2018 12:29 AM |
| 18835 | Ruby    | Feature | Open   | Add InstructionSequence#type method                                                                                                 |          | 06/16/2022 10:30 PM |
| 16245 | Ruby    | Feature | Open   | Add interfaces to count and measure size all IMEMO objects                                                                          |          | 10/17/2019 09:16 PM |
| 16757 | Ruby    | Feature | Open   | Add intersection to Range                                                                                                           |          | 01/22/2022 07:26 AM |
| 17833 | Ruby    | Feature | Open   | add IO.readinto(b) where b is a bytes like object that is you can get a memoryview from                                             |          | 06/30/2021 02:36 PM |
| 20887 | Ruby    | Feature | Open   | Add "latest" version to "docs.ruby-lang.org"                                                                                        |          | 11/13/2024 05:12 AM |
| 11597 | Ruby    | Feature | Open   | Add Linux-specific setsuid(2)/setsgid(2)                                                                                            |          | 10/15/2015 10:08 PM |
| 16231 | Ruby    | Feature | Open   | Add #location to Net::HTTPResponse                                                                                                  |          | 10/06/2019 11:14 PM |
| 14122 | Ruby    | Feature | Open   | Add LogicError                                                                                                                      |          | 06/17/2019 11:47 PM |
| 18179 | Ruby    | Feature | Open   | Add Math methods to Numeric                                                                                                         |          | 03/24/2022 02:54 PM |
| 16899 | Ruby    | Feature | Open   | Add method `Array#both_end`                                                                                                         |          | 05/18/2020 01:44 AM |
| 19617 | Ruby    | Feature | Open   | Add Method#binding and UnboundMethod#binding, similar to Proc#binding                                                               |          | 04/28/2023 11:55 AM |
| 11689 | Ruby    | Feature | Open   | Add methods allow us to get visibility from Method and UnboundMethod object.                                                        |          | 08/20/2022 12:34 PM |
| 8994  | Ruby    | Feature | Open   | add methods for Float to get if an NaN is quiet or not, also add class methods for Float to "generate" an quiet NaN and an loud NaN |          | 10/21/2019 10:38 PM |
| 15571 | Ruby    | Feature | Open   | Add methods: iroot, root, and roots                                                                                                 |          | 01/30/2019 06:17 PM |
| 14771 | Ruby    | Feature | Open   | Add method to create DNS resource from data string                                                                                  |          | 05/17/2018 10:43 PM |
| 9779  | Ruby    | Feature | Open   | Add Module#descendents                                                                                                              |          | 01/05/2018 09:00 PM |
| 17753 | Ruby    | Feature | Open   | Add Module#namespace                                                                                                                |          | 02/10/2023 12:48 AM |
| 8275  | Ruby    | Feature | Open   | Add Module#public_const_get                                                                                                         |          | 12/23/2021 11:43 PM |
| 18418 | Ruby    | Feature | Open   | Add Net::HTTP#security_level=                                                                                                       |          | 12/19/2021 11:58 AM |
| 18675 | Ruby    | Feature | Open   | Add new exception class for resolv timeouts                                                                                         |          | 04/01/2022 11:22 PM |
| 17406 | Ruby    | Feature | Open   | Add `NoMatchingPatternError#depth`                                                                                                  |          | 12/19/2020 03:18 PM |
| 9585  | Ruby    | Feature | Open   | Add Object#in? to make ruby easier to read                                                                                          |          | 03/15/2014 04:49 PM |

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|-------|---------|---------|--------|------------------------------------------------------------------------------------------|----------|---------------------|
| 19567 | Ruby    | Feature | Open   | Add Oxford Comma Support for better readability                                          |          | 04/03/2023 03:14 PM |
| 13765 | Ruby    | Feature | Open   | Add Proc#bind                                                                            |          | 07/26/2017 01:31 PM |
| 18131 | Ruby    | Bug     | Open   | addr2line.c: Some inlined functions mistakenly shown                                     |          | 08/24/2021 07:59 PM |
| 11917 | Ruby    | Feature | Open   | Add Range#length as an alias for size                                                    |          | 01/30/2016 07:01 AM |
| 14777 | Ruby    | Feature | Open   | Add Range#offset ?                                                                       |          | 05/19/2018 03:50 PM |
| 19694 | Ruby    | Feature | Open   | Add Regexp#timeout= setter                                                               |          | 06/09/2023 01:20 PM |
| 15217 | Ruby    | Feature | Open   | Add Resolv.current_resolver                                                              |          | 10/08/2018 11:18 PM |
| 17134 | Ruby    | Feature | Open   | Add resolv_timeout to TCPSocket                                                          |          | 11/30/2022 10:31 AM |
| 19761 | Ruby    | Bug     | Open   | AddressSanitizer fails with Thread and Process                                           |          | 08/20/2023 03:37 AM |
| 21515 | Ruby    | Feature | Open   | Add `&return` as sugar for `x=my_calculation; return x if x`                             |          | 08/06/2025 06:44 PM |
| 13639 | Ruby    | Feature | Open   | Add "RTMIN" and "RTMAX" to Signal.list                                                   |          | 08/31/2017 09:06 AM |
| 14833 | Ruby    | Feature | Open   | Add RubyVM::AST::Node#pretty_print                                                       |          | 06/07/2018 02:56 PM |
| 17375 | Ruby    | Feature | Open   | Add scheduler callbacks for transferring fibers                                          |          | 12/07/2020 11:31 PM |
| 17208 | Ruby    | Feature | Open   | Add `Set#compact` and `Set#compact!` methods                                             |          | 11/05/2020 10:44 AM |
| 14114 | Ruby    | Feature | Open   | Add #step for Array, Enumerable, Enumerator                                              |          | 06/24/2019 05:00 PM |
| 14033 | Ruby    | Feature | Open   | Add String#append                                                                        |          | 08/08/2018 03:01 AM |
| 13626 | Ruby    | Feature | Open   | Add String#byteslice!                                                                    |          | 08/27/2022 11:16 AM |
| 10869 | Ruby    | Feature | Open   | Add support for option to pre-compile Ruby files                                         |          | 02/23/2015 11:08 AM |
| 12115 | Ruby    | Feature | Open   | Add Symbol#call to allow to_proc shorthand with arguments                                |          | 11/16/2018 09:49 AM |
| 5478  | Ruby    | Feature | Open   | Add syntax to import Set into core                                                       |          | 09/02/2020 12:24 PM |
| 19690 | Ruby    | Feature | Open   | Add terminal colorizing gem to stdlib                                                    |          | 05/24/2023 05:54 PM |
| 16425 | Ruby    | Feature | Open   | Add Thread#dig                                                                           |          | 12/17/2019 12:15 AM |
| 19141 | Ruby    | Feature | Open   | Add thread-owned Monitor to protect thread-local resources                               |          | 11/23/2022 11:09 AM |
| 8640  | Ruby    | Feature | Open   | Add Time#elapsed to return nanoseconds since creation                                    |          | 12/23/2021 11:43 PM |
| 10829 | Ruby    | Feature | Open   | Add to_proc method to the Array class                                                    |          | 12/23/2021 11:43 PM |
| 8967  | Ruby    | Feature | Open   | add uninclude and unextend method                                                        |          | 09/30/2013 02:18 PM |
| 9887  | Ruby    | Feature | Open   | Add uninclude please                                                                     |          | 05/31/2014 01:33 PM |
| 20291 | Ruby    | Feature | Open   | Add --warning=category option the same as -W:category                                    |          | 02/22/2024 12:12 PM |
| 9929  | Ruby    | Feature | Open   | add with_default method to Hash                                                          |          | 06/11/2014 12:08 AM |
| 15456 | Ruby    | Feature | Open   | Adopt some kind of consistent versioning mechanism                                       |          | 02/07/2019 06:26 PM |
| 11660 | Ruby    | Feature | Open   | a falsy value (similar to js undefined) that facilitates forwarding of default arguments |          | 11/05/2019 07:33 PM |
| 15804 | Ruby    | Feature | Open   | A generic method to resolve the indexing on a sequence                                   |          | 04/28/2019 12:54 PM |
| 19988 | Ruby    | Feature | Open   | AI for inner code behavior analysis at runtime                                           |          | 11/05/2023 01:52 PM |

| #     | Project | Tracker | Status | Subject                                                                                                              | Assignee | Updated             |
|-------|---------|---------|--------|----------------------------------------------------------------------------------------------------------------------|----------|---------------------|
| 20079 | Ruby    | Bug     | Open   | alexandria testsuite began to segfault recently                                                                      |          | 07/27/2024 11:03 PM |
| 19626 | Ruby    | Feature | Open   | Alias Base64 methods to non-64 suffixed methods                                                                      |          | 05/02/2023 08:17 AM |
| 16781 | Ruby    | Feature | Open   | alias :fold :reduce                                                                                                  |          | 05/16/2020 08:28 AM |
| 12145 | Ruby    | Feature | Open   | Aliashood between `size` and `length` is not consistent                                                              |          | 06/27/2019 10:02 PM |
| 17773 | Ruby    | Feature | Open   | Alias `Numeric#zero?` and `Float#zero?` as `Numeric#empty?` and `Float#empty?`                                       |          | 04/02/2021 03:39 PM |
| 9784  | Ruby    | Feature | Open   | Alias URI#merge to URI#join                                                                                          |          | 04/29/2014 05:42 AM |
| 17356 | Ruby    | Feature | Open   | Alignment of memory allocated through Fiddle struct's malloc                                                         |          | 12/02/2020 11:06 AM |
| 13890 | Ruby    | Feature | Open   | Allow a regexp as an argument to 'count', to count more interesting things than single characters                    |          | 01/19/2023 08:59 AM |
| 19830 | Ruby    | Feature | Open   | Allow `Array#transpose` to take an optional size argument                                                            |          | 08/04/2023 02:29 PM |
| 20925 | Ruby    | Feature | Open   | Allow boolean operators at beginning of line to continue previous line                                               |          | 08/21/2025 04:48 AM |
| 14463 | Ruby    | Feature | Open   | Allow comments to precede dots in member expressions                                                                 |          | 12/23/2021 11:43 PM |
| 12968 | Ruby    | Feature | Open   | Allow default value via block for Integer(), Float() and Rational()                                                  |          | 06/28/2017 05:53 PM |
| 16739 | Ruby    | Feature | Open   | Allow Hash#keys and Hash#values to accept a block for filtering output                                               |          | 07/10/2020 04:09 PM |
| 12023 | Ruby    | Feature | Open   | Allow ivars to be used as method arguments                                                                           |          | 01/27/2016 09:58 AM |
| 15419 | Ruby    | Feature | Open   | Allow Kernel#tap to be invoked with arguments like Kernel#send                                                       |          | 12/23/2021 11:43 PM |
| 18690 | Ruby    | Feature | Open   | Allow `Kernel#then` to take arguments                                                                                |          | 02/17/2023 08:42 AM |
| 20864 | Ruby    | Feature | Open   | Allow `Kernel#warn` to accept `**options` and pass these to `Warning.warn`.                                          |          | 11/08/2024 12:26 PM |
| 21033 | Ruby    | Feature | Open   | Allow lambdas that don't access `self` to be Ractor shareable                                                        |          | 02/04/2025 05:20 PM |
| 10528 | Ruby    | Feature | Open   | Allow line breaks instead of commas in arrays, hashes, argument lists, etc.                                          |          | 12/23/2021 11:43 PM |
| 19979 | Ruby    | Feature | Open   | Allow methods to declare that they don't accept a block via `&nil`                                                   |          | 07/24/2024 06:21 AM |
| 12057 | Ruby    | Feature | Open   | Allow methods with `yield` to be called without a block                                                              |          | 12/23/2021 11:43 PM |
| 16037 | Ruby    | Feature | Open   | Allow multiple single/double-splatted variables in `in` pattern matching and introduce non-greedy-splatted variables |          | 08/04/2019 04:47 AM |
| 18617 | Ruby    | Feature | Open   | Allow multiples keys in Hash#[] acting like Hash#dig                                                                 |          | 03/10/2022 01:36 PM |
| 19620 | Ruby    | Feature | Open   | allow non-module rescue filters that implement the === opertor                                                       |          | 04/27/2023 04:44 PM |
| 8046  | Ruby    | Feature | Open   | allow Object#extend to take a block                                                                                  |          | 12/25/2017 06:15 PM |
| 12969 | Ruby    | Feature | Open   | Allow optional parameter in String#strip and related                                                                 |          | 01/20/2017 08:19 AM |
| 16667 | Ruby    | Feature | Open   | Allow parameters to Symbol#to_proc and Method#to_proc                                                                |          | 03/03/2020 03:40 PM |
| 19633 | Ruby    | Feature | Open   | Allow passing block to `Kernel#autoload` as alternative to second `filename` argument                                |          | 05/18/2023 02:39 AM |
| 16336 | Ruby    | Feature | Open   | Allow private constants to be accessed with absolute references                                                      |          | 11/14/2019 06:21 PM |
| 10863 | Ruby    | Feature | Open   | allow protected class methods to be callable from instance methods                                                   |          | 04/01/2015 06:11 PM |
| 20894 | Ruby    | Feature | Open   | Allow `Range#last(n)` for beginless ranges with Integer end                                                          |          | 11/14/2024 04:54 AM |
| 20750 | Ruby    | Feature | Open   | Allow rb_thread_call_with_gvl to work when thread already has GVL                                                    |          | 10/03/2024 04:43 AM |
| 8291  | Ruby    | Feature | Open   | Allow retrieving the root Fiber of a Thread                                                                          |          | 12/23/2021 11:43 PM |



| #     | Project | Tracker | Status | Subject                                                                                          | Assignee | Updated             |
|-------|---------|---------|--------|--------------------------------------------------------------------------------------------------|----------|---------------------|
| 16118 | Ruby    | Feature | Open   | Array .difference allow custom comparison                                                        |          | 12/23/2021 11:44 PM |
| 14585 | Ruby    | Feature | Open   | Array#each_pair                                                                                  |          | 03/11/2018 11:38 PM |
| 16928 | Ruby    | Feature | Open   | Array#include_all? & Array#include_any?                                                          |          | 06/01/2020 09:27 PM |
| 17056 | Ruby    | Feature | Open   | Array#index: Allow specifying the position to start search as in String#index                    |          | 09/25/2020 01:41 PM |
| 10729 | Ruby    | Feature | Open   | Array method to subtract in place                                                                |          | 01/11/2015 02:29 PM |
| 20176 | Ruby    | Feature | Open   | Array#pack: support offset kwarg                                                                 |          | 01/10/2024 04:25 PM |
| 12059 | Ruby    | Feature | Open   | `Array#single?`, `Hash#single?`                                                                  |          | 02/10/2016 04:02 AM |
| 16678 | Ruby    | Misc    | Open   | Array#values_at has unintuitive behavior when supplied a range starting with negative index      |          | 03/09/2020 02:06 PM |
| 8970  | Ruby    | Feature | Open   | Array.zip and Array.product                                                                      |          | 09/12/2019 03:40 AM |
| 17856 | Ruby    | Feature | Open   | ary.member? is slower than ary.include?                                                          |          | 05/11/2021 10:12 AM |
| 19384 | Ruby    | Bug     | Open   | ASCII 128..154 characters in IO.popen or %x output do not reflect the proper encoding in Windows |          | 01/26/2023 09:17 PM |
| 13164 | Ruby    | Bug     | Open   | A second `SystemStackError` exception results in `Segmentation fault (core dumped)`              |          | 04/14/2017 01:05 PM |
| 11475 | Ruby    | Feature | Open   | AST transforms                                                                                   |          | 08/21/2015 11:14 AM |
| 9402  | Ruby    | Feature | Open   | A syntax to specify the default value of a hash                                                  |          | 12/23/2021 11:43 PM |
| 8259  | Ruby    | Feature | Open   | Atomic attributes accessors                                                                      |          | 12/23/2021 11:43 PM |
| 19044 | Ruby    | Bug     | Open   | Attempting to compile a static ruby 3.1 fails with MinGW                                         |          | 10/09/2022 12:24 PM |
| 8635  | Ruby    | Feature | Open   | attr_accessor with default block                                                                 |          | 12/23/2021 11:43 PM |
| 16817 | Ruby    | Feature | Open   | attr_predicate or attr_query or attr_something for ? methods                                     |          | 12/23/2021 11:44 PM |
| 18070 | Ruby    | Feature | Open   | `attr` should be removed                                                                         |          | 02/23/2023 08:05 PM |
| 11415 | Ruby    | Feature | Open   | autoload with a Proc                                                                             |          | 10/21/2015 08:38 PM |
| 15458 | Ruby    | Feature | Open   | Automatic Exception#cause print in IRB                                                           |          | 12/23/2021 11:44 PM |
| 16005 | Ruby    | Feature | Open   | A variation of Time.iso8601 that can parse yyyy-MM-dd HH:mm:ss                                   |          | 11/17/2022 07:39 AM |
| 8184  | Ruby    | Feature | Open   | Avoid the creation of meaningless ranges (nil, false, true)                                      |          | 03/29/2013 11:16 PM |
| 21000 | Ruby    | Feature | Open   | A way to avoid loading constant required by a type check                                         |          | 01/08/2025 02:36 PM |
| 13006 | Ruby    | Feature | Open   | backtrace of thread killer                                                                       |          | 12/06/2016 01:11 AM |
| 10634 | Ruby    | Feature | Open   | Baselining with Benchmark                                                                        |          | 12/23/2021 11:43 PM |
| 9832  | Ruby    | Misc    | Open   | better concurrency in threads                                                                    |          | 05/12/2014 12:33 PM |
| 12790 | Ruby    | Feature | Open   | Better inspect for stdlib classes                                                                |          | 02/27/2017 08:36 PM |
| 8570  | Ruby    | Feature | Open   | Better mechanisms to safely load classes concurrently                                            |          | 12/23/2021 11:43 PM |
| 13434 | Ruby    | Feature | Open   | better method definition in C API                                                                |          | 07/13/2017 07:41 AM |
| 13048 | Ruby    | Feature | Open   | Better way to do Regexp.new(Regexp.escape("some string"))                                        |          | 01/20/2017 04:01 AM |
| 20269 | Ruby    | Bug     | Open   | bignum too big to convert into `long` when running String#byteslice on Windows                   |          | 02/16/2024 09:55 AM |
| 18831 | Ruby    | Feature | Open   | Block argument to `yield`                                                                        |          | 06/18/2022 03:12 AM |

| #     | Project | Tracker | Status | Subject                                                                                                                                                            | Assignee | Updated             |
|-------|---------|---------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------|
| 11129 | Ruby    | Feature | Open   | block-level hash destructuring only works for the last argument                                                                                                    |          | 07/07/2019 05:11 AM |
| 13333 | Ruby    | Feature | Open   | block to yield                                                                                                                                                     |          | 05/19/2017 09:01 AM |
| 10327 | Ruby    | Feature | Open   | Bool/False/True module for '==='                                                                                                                                   |          | 10/15/2014 02:42 PM |
| 7060  | Ruby    | Feature | Open   | Broaden support for chmod                                                                                                                                          |          | 12/25/2017 06:15 PM |
| 20419 | Ruby    | Bug     | Open   | [BUG] inconsistent freelist length with cppflags='-DRGENGC_CHECK_MODE -DUSE_RUBY_DEBUG_LOG=1'                                                                      |          | 04/10/2024 12:08 AM |
| 20283 | Ruby    | Bug     | Open   | Build failed since Ruby 3.2.3 if Xcode.app was renamed to space contained name.                                                                                    |          | 02/20/2024 07:14 AM |
| 12179 | Ruby    | Bug     | Open   | Build failure due to VPATH expansion                                                                                                                               |          | 04/14/2016 01:55 AM |
| 9189  | Ruby    | Bug     | Open   | Build failure on Windows in case of nonascii TEMP environment.                                                                                                     |          | 04/03/2024 03:24 AM |
| 20733 | Ruby    | Bug     | Open   | Build failure OpenSSL extension with FreeBSD 13.3                                                                                                                  |          | 10/08/2024 08:37 AM |
| 16795 | Ruby    | Feature | Open   | build ruby.exe on Windows against ruby-static.lib omitting x64-vcruntime-ruby.dll (no '--enable-shared' option for Windows)                                        |          | 04/17/2020 01:22 PM |
| 21293 | Ruby    | Bug     | Open   | C23/GCC 15 build breakage with rb_define_method() and friends                                                                                                      |          | 05/01/2025 06:42 AM |
| 19484 | Ruby    | Feature | Open   | Calling `binding` on a C-level proc raises an `ArgumentError`                                                                                                      |          | 03/08/2023 06:49 PM |
| 18476 | Ruby    | Bug     | Open   | Call to require stuck forever after receiving EAGAIN on writev when running with zeus                                                                              |          | 02/28/2022 02:55 PM |
| 19473 | Ruby    | Bug     | Open   | can't be called from trap context (ThreadError) is too limiting                                                                                                    |          | 07/15/2025 07:47 PM |
| 18918 | Ruby    | Feature | Open   | Can't compile ruby master with AFL ASAN                                                                                                                            |          | 08/30/2023 08:36 PM |
| 19413 | Ruby    | Bug     | Open   | Can't move object when 2 ivars refer to same object                                                                                                                |          | 02/04/2023 10:15 PM |
| 18083 | Ruby    | Feature | Open   | Capture error in ensure block.                                                                                                                                     |          | 12/15/2023 09:41 PM |
| 18012 | Ruby    | Bug     | Open   | Case-insensitive character classes can only match multiple code points when top-level character class is not negated                                               |          | 06/29/2021 08:35 AM |
| 15363 | Ruby    | Feature | Open   | Case insensitive file systems - add info to CONFIG or somewhere?                                                                                                   |          | 12/03/2018 04:30 AM |
| 17989 | Ruby    | Bug     | Open   | Case insensitive Regexp's do not handle characters with overlapping case foldings                                                                                  |          | 06/15/2021 11:43 AM |
| 11723 | Ruby    | Feature | Open   | CGI library should give access to raw request body                                                                                                                 |          | 11/20/2015 07:06 PM |
| 15145 | Ruby    | Feature | Open   | chained mappings proposal                                                                                                                                          |          | 09/22/2018 12:06 AM |
| 14606 | Ruby    | Feature | Open   | Change begin-else-end without rescue from warning to syntax error                                                                                                  |          | 03/16/2018 01:22 AM |
| 10473 | Ruby    | Feature | Open   | Change Date#to_datetime to use local time                                                                                                                          |          | 07/23/2021 07:08 PM |
| 18256 | Ruby    | Feature | Open   | Change the canonical name of Thread::Mutex, Thread::Queue, Thread::SizedQueue and Thread::ConditionVariable to just Mutex, Queue, SizedQueue and ConditionVariable |          | 10/20/2021 10:59 PM |
| 12041 | Ruby    | Feature | Open   | Change the initializer of NameError to take a receiver as the third argument                                                                                       |          | 02/12/2016 05:37 AM |
| 16750 | Ruby    | Misc    | Open   | Change typedef of VALUE for better type checking                                                                                                                   |          | 04/03/2020 02:34 AM |
| 13240 | Ruby    | Feature | Open   | Change Unicode property implementation in Onigmo from inversion lists to direct lookup                                                                             |          | 02/22/2017 08:01 AM |
| 18010 | Ruby    | Bug     | Open   | Character class with single character gets case-folded with following string                                                                                       |          | 06/28/2021 09:30 AM |
| 20621 | Ruby    | Feature | Open   | Check libruby.so hardening by annoccheck                                                                                                                           |          | 08/07/2024 04:58 PM |
| 10770 | Ruby    | Feature | Open   | chr and ord behavior for ill-formed byte sequences and surrogate code points                                                                                       |          | 01/22/2015 10:19 AM |
| 21544 | Ruby    | Misc    | Open   | CI: Launchable: Early flake detection                                                                                                                              |          | 08/15/2025 07:49 AM |

| #     | Project | Tracker | Status | Subject                                                                                                            | Assignee | Updated             |
|-------|---------|---------|--------|--------------------------------------------------------------------------------------------------------------------|----------|---------------------|
| 15565 | Ruby    | Feature | Open   | Circular dependency warnings - suggestions/ideas to improve the output from ruby                                   |          | 01/25/2019 11:36 PM |
| 19126 | Ruby    | Feature | Open   | clang: Cannot compile with Control Flow Integrity (CFI)                                                            |          | 06/22/2023 11:15 PM |
| 17829 | Ruby    | Misc    | Open   | Clang/LLVM correctness of x64-mingw32 build (`shorten-64-to-32` warnings)                                          |          | 04/26/2021 04:23 PM |
| 11570 | Ruby    | Misc    | Open   | Clarify autoload chaining behavior                                                                                 |          | 10/06/2015 04:52 PM |
| 17994 | Ruby    | Feature | Open   | Clarify `IO.read` behavior and add `File.read` method                                                              |          | 07/16/2021 03:04 AM |
| 10701 | Ruby    | Feature | Open   | Class:Array 2 New methods                                                                                          |          | 01/08/2015 07:21 AM |
| 21272 | Ruby    | Bug     | Open   | Class.new doesn't trigger :class TracePoint                                                                        |          | 04/26/2025 06:25 PM |
| 21148 | Ruby    | Feature | Open   | Class proposal: IndefiniteNumeric < Numeric                                                                        |          | 03/11/2025 09:53 AM |
| 17040 | Ruby    | Feature | Open   | cleanup include/ruby/backward*                                                                                     |          | 08/26/2020 07:07 AM |
| 19039 | Ruby    | Bug     | Open   | Closing an IO being select'ed in another thread does not resume the thread                                         |          | 10/06/2022 05:30 AM |
| 12277 | Ruby    | Misc    | Open   | Coding rule: colum number                                                                                          |          | 04/13/2016 06:32 PM |
| 18644 | Ruby    | Feature | Open   | Coerce anything callable to a Proc                                                                                 |          | 06/18/2022 05:28 PM |
| 20070 | Ruby    | Feature | Open   | commas in pattern match                                                                                            |          | 12/18/2023 05:04 PM |
| 12134 | Ruby    | Feature | Open   | Comparison between `true` and `false`                                                                              |          | 03/15/2016 12:41 PM |
| 17931 | Ruby    | Bug     | Open   | Compile fails setup option nodynamic                                                                               |          | 07/07/2021 08:51 AM |
| 20480 | Ruby    | Bug     | Open   | Complie failure for unable to configure NET_LUID using msys2 mingw64-gcc                                           |          | 01/10/2025 03:52 AM |
| 19717 | Ruby    | Feature | Open   | `ConditionVariable#signal` is not fair when the wakeup is consistently spurious.                                   |          | 01/10/2024 10:32 AM |
| 20047 | Ruby    | Bug     | Open   | ConditionVariable#wait has spurious wakeups from signal traps                                                      |          | 12/07/2023 01:09 PM |
| 15840 | Ruby    | Feature | Open   | configuration path search                                                                                          |          | 05/11/2019 01:24 PM |
| 19971 | Ruby    | Misc    | Open   | Confusing arity of a Proc with implicit rest parameter                                                             |          | 12/04/2023 04:30 PM |
| 16346 | Ruby    | Misc    | Open   | Confusing macro name: RUBY_MARK_NO_PIN_UNLESS_NULL                                                                 |          | 11/13/2019 07:39 AM |
| 12817 | Ruby    | Feature | Open   | Consider adding method .sample() on class Hash (if this was not yet proposed)                                      |          | 10/11/2016 12:57 AM |
| 10663 | Ruby    | Feature | Open   | Consider adding support for String input to File. methods                                                          |          | 01/05/2015 12:47 AM |
| 10645 | Ruby    | Feature | Open   | Consider adding support of .first to MatchData object like MatchData[0]                                            |          | 12/25/2014 06:50 AM |
| 14615 | Ruby    | Feature | Open   | Consider introducing shortcut to check Net::HTTP response type                                                     |          | 03/19/2018 05:43 AM |
| 20211 | Ruby    | Feature | Open   | Consider re-adding 3.2-style support of Anonymous Args/Blocks                                                      |          | 01/25/2024 05:00 AM |
| 13922 | Ruby    | Feature | Open   | Consider showing warning messages about same-named aliases - either directly or perhaps via the "did you mean gem" |          | 09/25/2017 12:21 PM |
| 9516  | Ruby    | Misc    | Open   | Consolidate all deprecation messages to one or more helper methods                                                 |          | 02/13/2014 05:11 PM |
| 12077 | Ruby    | Feature | Open   | Consolidate SSLSocket interface with TCPSocket                                                                     |          | 05/17/2016 06:37 AM |
| 6828  | Ruby    | Feature | Open   | Constancy of Constants                                                                                             |          | 12/10/2020 08:47 AM |
| 20943 | Ruby    | Bug     | Open   | Constant defined in `Data.define` block                                                                            |          | 12/30/2024 10:35 AM |
| 21364 | Ruby    | Bug     | Open   | Constant lookup in namespaces should be consistent                                                                 |          | 05/22/2025 11:23 PM |

| #     | Project | Tracker | Status | Subject                                                                                         | Assignee | Updated             |
|-------|---------|---------|--------|-------------------------------------------------------------------------------------------------|----------|---------------------|
| 17749 | Ruby    | Feature | Open   | Const source location without name                                                              |          | 04/17/2021 07:38 AM |
| 19430 | Ruby    | Feature | Open   | Contribution wanted: DNS lookup by c-ares library                                               |          | 10/19/2023 03:34 AM |
| 15861 | Ruby    | Feature | Open   | Correctly parse `file:c:/path/to/file` URIs                                                     |          | 05/18/2019 10:58 PM |
| 20437 | Ruby    | Feature | Open   | Could the licensing conditions be made less ambiguous?                                          |          | 01/03/2025 04:54 PM |
| 21265 | Ruby    | Bug     | Open   | Crash when proc from Symbol#to_proc called outside refinement scope                             |          | 04/11/2025 09:39 AM |
| 18659 | Ruby    | Feature | Open   | Create a Binding at the time of an exception and make it available to Rescue                    |          | 03/25/2022 10:55 AM |
| 12110 | Ruby    | Feature | Open   | Create a method to avoid vacuous truth?                                                         |          | 03/12/2016 08:01 AM |
| 15074 | Ruby    | Feature | Open   | Create 'official' C API documentation on ruby-doc.org                                           |          | 09/12/2018 09:12 PM |
| 11550 | Ruby    | Feature | Open   | Current behaviour of super(...) is dangerous in the presence of more than one included modules. |          | 01/20/2016 08:44 AM |
| 17683 | Ruby    | Misc    | Open   | Current status of beginless range (experimental or not)                                         |          | 06/05/2021 07:22 AM |
| 8807  | Ruby    | Feature | Open   | Custom literals                                                                                 |          | 12/10/2020 08:53 AM |
| 8437  | Ruby    | Feature | Open   | custom operators, unicode                                                                       |          | 08/30/2015 03:05 AM |
| 11987 | Ruby    | Feature | Open   | daemons can't show the backtrace of rb_bug                                                      |          | 01/13/2016 10:58 AM |
| 11177 | Ruby    | Feature | Open   | DATA␣EOF␣␣␣␣␣␣␣␣␣                                                                               |          | 11/22/2024 02:15 PM |
| 15418 | Ruby    | Misc    | Open   | Date.parse('2018')                                                                              |          | 12/15/2018 09:17 PM |
| 15598 | Ruby    | Bug     | Open   | Deadlock on mutual reference of autoloaded constants                                            |          | 03/20/2019 10:58 AM |
| 19557 | Ruby    | Bug     | Open   | Deadlock on STDOUT(ERR) lock on signal handler                                                  |          | 03/29/2023 08:27 AM |
| 20492 | Ruby    | Feature | Open   | Debug option for tempfile                                                                       |          | 05/19/2024 05:10 AM |
| 21084 | Ruby    | Feature | Open   | Declare objects have weak references                                                            |          | 02/06/2025 03:01 PM |
| 21086 | Ruby    | Feature | Open   | Declare rb_profile_frames() family as async-signal-safe                                         |          | 01/23/2025 03:33 PM |
| 16557 | Ruby    | Feature | Open   | Deduplicate Regexp literals                                                                     |          | 02/28/2020 11:44 AM |
| 18640 | Ruby    | Feature | Open   | default empty string argument for `String#sub` and `String#sub!`, e.g. `"hello".sub("l")`       |          | 03/19/2022 02:33 AM |
| 19148 | Ruby    | Feature | Open   | Define Hash#merge_sum as Hash#merge with sum block                                              |          | 12/25/2022 04:52 PM |
| 20235 | Ruby    | Feature | Open   | Deprecate CHAR syntax                                                                           |          | 02/06/2024 06:46 PM |
| 20434 | Ruby    | Misc    | Open   | Deprecate encoding-related regular expression modifiers                                         |          | 04/18/2024 06:50 PM |
| 14040 | Ruby    | Feature | Open   | deprecate HTTP.version_1_2                                                                      |          | 10/22/2017 09:32 AM |
| 19904 | Ruby    | Feature | Open   | Deprecate or warn on multiple regular expression encodings                                      |          | 09/29/2023 08:54 AM |
| 19440 | Ruby    | Feature | Open   | Deprecate ThreadGroup                                                                           |          | 03/13/2023 10:48 AM |
| 21549 | Ruby    | Misc    | Open   | DevMeeting-2025-09-11                                                                           |          | 08/21/2025 10:30 AM |
| 20874 | Ruby    | Bug     | Open   | Difference in documentation for `irb -U` between `man irb` and `irb --help`                     |          | 11/06/2024 05:45 AM |
| 13314 | Ruby    | Feature | Open   | dig=                                                                                            |          | 03/14/2017 12:55 PM |
| 14564 | Ruby    | Feature | Open   | `dig` opposite method                                                                           |          | 07/13/2022 04:00 PM |
| 15563 | Ruby    | Feature | Open   | #dig that throws an exception if a key doesn't exist                                            |          | 02/17/2020 08:42 AM |

| #     | Project | Tracker | Status | Subject                                                                                                                                                                                                            | Assignee | Updated             |
|-------|---------|---------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------|
| 10217 | Ruby    | Feature | Open   | Dir constructor similar to Pathname constructor                                                                                                                                                                    |          | 12/23/2021 11:43 PM |
| 16249 | Ruby    | Feature | Open   | Dir#empty? and File#empty?                                                                                                                                                                                         |          | 10/19/2019 12:49 PM |
| 18923 | Ruby    | Bug     | Open   | Dir.glob Errno::ENAMETOOLONG - Caused by outdated logic in open_dir_handle (win32.c)                                                                                                                               |          | 07/17/2022 08:33 PM |
| 12226 | Ruby    | Feature | Open   | Dir.home with valid named user raises ArgumentError on Windows                                                                                                                                                     |          | 05/08/2016 10:06 AM |
| 16130 | Ruby    | Misc    | Open   | [Discussion / Ideas] Finding a good name for the concept of/behind guilds - primarily the NAME                                                                                                                     |          | 08/27/2019 04:00 PM |
| 16803 | Ruby    | Misc    | Open   | Discussion: those internal macros reside in public API headers                                                                                                                                                     |          | 05/14/2020 12:27 PM |
| 19421 | Ruby    | Misc    | Open   | Distribution documentation                                                                                                                                                                                         |          | 02/13/2023 08:17 AM |
| 14931 | Ruby    | Feature | Open   | [DOC] exception keyword argument is not documented in some methods                                                                                                                                                 |          | 07/22/2018 08:53 AM |
| 13108 | Ruby    | Feature | Open   | [Doc Request] Explicitly document Range#sum                                                                                                                                                                        |          | 01/05/2017 11:50 PM |
| 13497 | Ruby    | Misc    | Open   | Docs, code samples, Ripper example                                                                                                                                                                                 |          | 04/23/2017 04:27 AM |
| 15224 | Ruby    | Misc    | Open   | [DOCs] Minor inconsistency in class Array #initialize_copy - <a href="https://ruby-doc.org/core-2.5.1/Array.html#method-i-initialize_copy">https://ruby-doc.org/core-2.5.1/Array.html#method-i-initialize_copy</a> |          | 10/13/2018 02:26 PM |
| 15047 | Ruby    | Feature | Open   | Documentation and more functions for Hash functions in C API                                                                                                                                                       |          | 11/29/2022 02:04 AM |
| 19930 | Ruby    | Feature | Open   | [Documentation] class Regexp: Character Classes ranges                                                                                                                                                             |          | 10/17/2023 04:28 PM |
| 14673 | Ruby    | Misc    | Open   | Documentation for `Array#drop` / `drop_while` unclear in regard to modification                                                                                                                                    |          | 04/10/2018 09:51 AM |
| 15249 | Ruby    | Misc    | Open   | Documentation for attr_accessor and attr_reader should be corrected                                                                                                                                                |          | 10/23/2018 08:09 PM |
| 15654 | Ruby    | Misc    | Open   | Documentation for Complex is wrong or misleading                                                                                                                                                                   |          | 03/11/2019 11:55 AM |
| 16659 | Ruby    | Misc    | Open   | Documentation on Regexp missing for absence pattern (?~pat)                                                                                                                                                        |          | 02/27/2020 04:16 PM |
| 11323 | Ruby    | Feature | Open   | Documentation update on how uniq works / guarantee of order                                                                                                                                                        |          | 07/02/2015 03:34 AM |
| 10176 | Ruby    | Feature | Open   | Document how to perform net/http calls in parallel                                                                                                                                                                 |          | 08/27/2014 10:46 PM |
| 20509 | Ruby    | Misc    | Open   | Document importance of #to_ary and #to_hash for Array#== and Hash#==                                                                                                                                               |          | 08/02/2024 01:20 AM |
| 15663 | Ruby    | Feature | Open   | Documenting autoload semantics                                                                                                                                                                                     |          | 02/12/2025 05:14 PM |
| 20232 | Ruby    | Misc    | Open   | Document Kernel#require and Module#autoload concurrency guarantees                                                                                                                                                 |          | 03/04/2024 02:50 PM |
| 19553 | Ruby    | Feature | Open   | Document thread-safety of OpenSSL related classes such as OpenSSL::PKey::RSA or OpenSSL::Cipher etc                                                                                                                |          | 03/28/2023 01:42 PM |
| 9725  | Ruby    | Feature | Open   | Do not inspect NameError target object unless verbose                                                                                                                                                              |          | 05/08/2015 02:18 AM |
| 19297 | Ruby    | Bug     | Open   | Don't download content from internet to execute Ruby test suite                                                                                                                                                    |          | 09/06/2023 01:03 PM |
| 17337 | Ruby    | Misc    | Open   | Don't embed Ruby build-time configuration in Ruby                                                                                                                                                                  |          | 08/24/2023 06:11 PM |
| 13733 | Ruby    | Feature | Open   | Dump the delegator instead of the delegated object                                                                                                                                                                 |          | 06/29/2018 05:09 PM |
| 14932 | Ruby    | Feature | Open   | Dynamically adjust method cache size at runtime                                                                                                                                                                    |          | 07/22/2018 10:45 PM |
| 14811 | Ruby    | Feature | Open   | Dynamically extend Ruby VM stack                                                                                                                                                                                   |          | 06/05/2018 07:59 AM |
| 7340  | Ruby    | Feature | Open   | 'each_with' or 'into' alias for 'each_with_object'                                                                                                                                                                 |          | 12/25/2017 06:15 PM |
| 15510 | Ruby    | Misc    | Open   | Easter egg in Thread.handle_interrupt                                                                                                                                                                              |          | 01/05/2019 11:53 PM |
| 14819 | Ruby    | Feature | Open   | Efficient cstring to RVALUE typecasting for c extension gems                                                                                                                                                       |          | 06/06/2018 09:13 PM |

| #     | Project | Tracker | Status | Subject                                                                                              | Assignee | Updated             |
|-------|---------|---------|--------|------------------------------------------------------------------------------------------------------|----------|---------------------|
| 19023 | Ruby    | Feature | Open   | Enable riscv64 coroutines on riscv64-freebsd, arm32 on arm*-freebsd and ppc on powerpc-freebsd       |          | 10/06/2022 06:53 AM |
| 18338 | Ruby    | Bug     | Open   | Encoding.default_external = Encoding::UTF_16BE may add a wrongly-encoded string to \$LOADED_FEATURES |          | 11/15/2021 07:32 AM |
| 9111  | Ruby    | Feature | Open   | Encoding-free String comparison                                                                      |          | 11/21/2013 04:35 PM |
| 17637 | Ruby    | Misc    | Open   | Endless ranges with `nil` boundary weird behavior                                                    |          | 02/19/2021 07:57 AM |
| 20282 | Ruby    | Feature | Open   | Enhancing Ruby's Coverage with Per-Test Coverage Reports                                             |          | 02/20/2024 08:09 PM |
| 21041 | Ruby    | Feature | Open   | Enum class                                                                                           |          | 01/15/2025 10:15 PM |
| 17016 | Ruby    | Feature | Open   | Enumerable#accumulate                                                                                |          | 03/14/2025 04:42 AM |
| 7341  | Ruby    | Feature | Open   | Enumerable#associate                                                                                 |          | 12/25/2017 06:15 PM |
| 12080 | Ruby    | Feature | Open   | Enumerable#first, Array#last with block                                                              |          | 04/20/2016 03:51 AM |
| 17333 | Ruby    | Feature | Open   | Enumerable#many?                                                                                     |          | 12/11/2020 03:38 AM |
| 15922 | Ruby    | Feature | Open   | Enumerable#partition(pattern)                                                                        |          | 06/14/2019 03:40 AM |
| 14197 | Ruby    | Feature | Open   | `Enumerable#{select,reject}` accept a pattern argument                                               |          | 04/04/2020 05:47 AM |
| 12648 | Ruby    | Feature | Open   | `Enumerable#sort_by` with descending option                                                          |          | 07/19/2022 02:41 AM |
| 15549 | Ruby    | Feature | Open   | Enumerable#to_reader (or anything enumerable, Enumerator, lazy enums, enum_for results)              |          | 01/24/2019 12:21 PM |
| 6687  | Ruby    | Feature | Open   | Enumerable#with                                                                                      |          | 12/25/2017 06:15 PM |
| 16838 | Ruby    | Feature | Open   | Enumerator::ArithmeticSequence missing allocator for #clone and #dup                                 |          | 05/18/2020 10:44 PM |
| 18262 | Ruby    | Feature | Open   | Enumerator::Lazy#partition                                                                           |          | 11/20/2021 10:17 AM |
| 9557  | Ruby    | Feature | Open   | Enumerator#next and Enumerator#peek with argument                                                    |          | 04/11/2014 07:00 PM |
| 19294 | Ruby    | Feature | Open   | Enumerator.product works incorrectly with consuming enumerators                                      |          | 05/14/2023 01:25 PM |
| 17663 | Ruby    | Feature | Open   | Enumerator#with, an alternative to Enumerator#with_object                                            |          | 03/02/2021 05:48 PM |
| 16235 | Ruby    | Misc    | Open   | ENV.assoc spec test does not test invalid name                                                       |          | 10/05/2019 10:53 PM |
| 18334 | Ruby    | Feature | Open   | ENV#to_h returns a new Hash object but Hash#to_h does not, which can cause inconsistencies           |          | 11/17/2021 05:46 PM |
| 15948 | Ruby    | Feature | Open   | ENV.update takes multiple hashes as Hash#update                                                      |          | 06/21/2019 07:35 AM |
| 19123 | Ruby    | Misc    | Open   | Error handling of Struct#values_at and Array#values_at is slightly inconsistent                      |          | 11/11/2022 05:29 PM |
| 10424 | Ruby    | Misc    | Open   | Error message when sorting NaN                                                                       |          | 10/25/2014 02:13 PM |
| 11347 | Ruby    | Feature | Open   | Errors with cause not reported properly to console                                                   |          | 07/15/2015 04:39 PM |
| 21263 | Ruby    | Feature | Open   | eval-after-require hook                                                                              |          | 04/11/2025 02:30 AM |
| 19970 | Ruby    | Bug     | Open   | Eval leaks callcache and callinfo objects on arm32 (linux)                                           |          | 02/12/2024 03:29 AM |
| 7895  | Ruby    | Feature | Open   | Exception#backtrace_locations to go with Thread#backtrace_locations and Kernel#caller_locations      |          | 12/23/2021 11:43 PM |
| 9918  | Ruby    | Feature | Open   | Exception#cause should be shown in output and #inspect                                               |          | 07/13/2015 02:32 PM |
| 8366  | Ruby    | Feature | Open   | Exception.message take time to execute depending on the instance variables                           |          | 09/22/2014 06:41 AM |
| 11355 | Ruby    | Misc    | Open   | Exceptions inheriting from Timeout::Error should behave the same way                                 |          | 07/15/2015 04:59 PM |
| 16829 | Ruby    | Bug     | Open   | Exceptions raised from within an enumerated method lose part of their stacktrace                     |          | 05/20/2022 07:25 PM |

| #     | Project | Tracker | Status | Subject                                                                                                         | Assignee | Updated             |
|-------|---------|---------|--------|-----------------------------------------------------------------------------------------------------------------|----------|---------------------|
| 7747  | Ruby    | Feature | Open   | Expanded API for Binding semantics                                                                              |          | 12/23/2021 11:43 PM |
| 19306 | Ruby    | Feature | Open   | Expand zlib interface                                                                                           |          | 02/13/2023 12:19 AM |
| 20508 | Ruby    | Feature | Open   | Explicit access to *, **, &, and ...                                                                            |          | 08/01/2024 09:37 AM |
| 19002 | Ruby    | Feature | Open   | Explicit splat for enumerator kwarg blocks                                                                      |          | 09/09/2022 01:47 AM |
| 19435 | Ruby    | Feature | Open   | Expose counts for each GC reason in GC.stat                                                                     |          | 05/09/2023 04:46 AM |
| 19458 | Ruby    | Feature | Open   | Expose HEREDOC identifier                                                                                       |          | 06/04/2024 10:23 PM |
| 17660 | Ruby    | Feature | Open   | Expose information about which basic methods have been redefined                                                |          | 03/02/2021 03:31 PM |
| 8598  | Ruby    | Feature | Open   | Expose information whether a timezone offset has been explicitly set on DateTime object                         |          | 07/03/2013 08:27 PM |
| 14896 | Ruby    | Feature | Open   | Expose Net::HTTPResponse socket for integration with libraries expecting an IO                                  |          | 07/04/2018 10:05 PM |
| 17611 | Ruby    | Feature | Open   | Expose `rb_execarg` interfaces and `rb_grantpt`                                                                 |          | 02/07/2021 01:52 AM |
| 16562 | Ruby    | Feature | Open   | Expose rb_io_set_encoding_internal to reduce function calls on loading source files                             |          | 01/27/2020 06:05 AM |
| 17159 | Ruby    | Feature | Open   | extend `define_method` for Ractor                                                                               |          | 08/24/2023 05:45 PM |
| 8564  | Ruby    | Feature | Open   | Extend Module#attr... methods                                                                                   |          | 02/05/2015 07:39 PM |
| 15149 | Ruby    | Feature | Open   | extend string format to nil safe                                                                                |          | 09/25/2018 03:22 AM |
| 16460 | Ruby    | Feature | Open   | External names for keyword parameters in method definitions                                                     |          | 01/02/2020 02:11 AM |
| 15496 | Ruby    | Feature | Open   | Extract between string as standard String api                                                                   |          | 01/09/2019 08:25 AM |
| 21264 | Ruby    | Feature | Open   | Extract Date library from Ruby repo in the future                                                               |          | 04/26/2025 06:38 PM |
| 19451 | Ruby    | Feature | Open   | Extract path and line number from SyntaxError?                                                                  |          | 03/07/2023 05:33 AM |
| 21539 | Ruby    | Feature | Open   | Facilitate walking native and interpreter (and jit?) stacks from outside of the ruby process                    |          | 08/11/2025 05:07 PM |
| 13209 | Ruby    | Misc    | Open   | fact.rb in ruby/sample variations                                                                               |          | 02/14/2017 12:10 AM |
| 18605 | Ruby    | Bug     | Open   | Fails to run on (newer) 32bit Windows with ucrt                                                                 |          | 02/11/2025 11:42 PM |
| 15380 | Ruby    | Feature | Open   | faster method lookup for Array#all? #none? #one?                                                                |          | 12/05/2018 10:11 PM |
| 20100 | Ruby    | Feature | Open   | [Feature] Better / easier support for (optional) colours, on the commandline, in case a parsing error happened? |          | 12/27/2023 07:30 PM |
| 17001 | Ruby    | Feature | Open   | [Feature] Dir.scan to yield dirent for efficient and composable recursive directory scanning                    |          | 06/30/2020 07:57 PM |
| 21520 | Ruby    | Feature | Open   | Feature Proposal: Enumerator::Lazy#tee                                                                          |          | 08/21/2025 09:30 AM |
| 13934 | Ruby    | Feature | Open   | [Feature request] Being able to set a default encoding other than Unicode on a "per-project" basis              |          | 09/25/2017 05:18 AM |
| 17808 | Ruby    | Feature | Open   | Feature Request: JS like splat of Object properties as named method parameters                                  |          | 04/17/2021 11:43 PM |
| 14129 | Ruby    | Feature | Open   | Feature Request: sockets - add support for recvmsg                                                              |          | 12/12/2017 08:35 AM |
| 16960 | Ruby    | Feature | Open   | Feedback regarding => in 'As' Pattern Matching                                                                  |          | 06/13/2020 12:32 AM |
| 9804  | Ruby    | Feature | Open   | File::CREATE as a synonym for File::CREAT                                                                       |          | 12/23/2021 11:43 PM |
| 20526 | Ruby    | Bug     | Open   | File.open(encoding: "bom utf-8") converts "\r\n" to "\n" on Windows                                             |          | 01/07/2025 07:14 AM |
| 19691 | Ruby    | Misc    | Open   | File.realpath on Windows does not return actual case of the file                                                |          | 05/29/2023 02:56 AM |
| 21155 | Ruby    | Feature | Open   | File scoped namespace declarations as in C#                                                                     |          | 02/25/2025 08:03 AM |

| #     | Project | Tracker | Status | Subject                                                                                                                         | Assignee | Updated             |
|-------|---------|---------|--------|---------------------------------------------------------------------------------------------------------------------------------|----------|---------------------|
| 13576 | Ruby    | Feature | Open   | File#to_path shall be deleted                                                                                                   |          | 06/24/2019 08:20 PM |
| 18082 | Ruby    | Misc    | Open   | FileUtils.remove_entry_secure has inconsistent document                                                                         |          | 08/17/2021 04:26 PM |
| 7106  | Ruby    | Feature | Open   | FileUtils.touch should allow touching the symlink itself rather than the file the link points to                                |          | 12/25/2017 06:15 PM |
| 13151 | Ruby    | Bug     | Open   | File.writable? doesn't report correctly if a directory is writable on Windows.                                                  |          | 01/23/2017 05:46 PM |
| 13869 | Ruby    | Feature | Open   | Filter non directories from Dir.glob                                                                                            |          | 10/20/2017 01:58 AM |
| 12021 | Ruby    | Feature | Open   | Final instance variables                                                                                                        |          | 12/23/2021 11:43 PM |
| 12334 | Ruby    | Feature | Open   | Final/Readonly Support for Fields / Instance Variables                                                                          |          | 07/20/2016 01:49 AM |
| 6946  | Ruby    | Feature | Open   | FIPS support?                                                                                                                   |          | 11/07/2018 04:00 PM |
| 20958 | Ruby    | Bug     | Open   | fix ENV.keys encoding on windows                                                                                                |          | 01/07/2025 07:19 AM |
| 10683 | Ruby    | Feature | Open   | fix inconsistent behavior of Kernel.Hash()                                                                                      |          | 01/02/2015 06:00 AM |
| 12116 | Ruby    | Feature | Open   | `Fixnum#divmod`, `Bignum#divmod` with multiple arguments                                                                        |          | 03/21/2016 02:00 PM |
| 13374 | Ruby    | Feature | Open   | Fix one of performance regressions in method calling                                                                            |          | 06/24/2019 08:32 PM |
| 18152 | Ruby    | Bug     | Open   | Fix theoretical bug with signals + qsort                                                                                        |          | 09/08/2021 03:38 PM |
| 15136 | Ruby    | Misc    | Open   | Fix -Wparentheses warnings                                                                                                      |          | 09/20/2018 09:41 AM |
| 15435 | Ruby    | Feature | Open   | Float ∞ Infinity ∞∞∞∞∞∞∞∞∞                                                                                                      |          | 12/20/2018 02:27 PM |
| 9522  | Ruby    | Feature | Open   | Float( "NaN" ), Float( "Infinity" )                                                                                             |          | 02/16/2014 05:36 AM |
| 18477 | Ruby    | Feature | Open   | Float#sqrt and Integer#sqrt                                                                                                     |          | 01/11/2022 07:34 PM |
| 16478 | Ruby    | Feature | Open   | Fold symbol tables for tracking basic operation method redefinition changes into a single ID table                              |          | 01/04/2020 01:42 AM |
| 16276 | Ruby    | Feature | Open   | For consideration: "private do...end" / "protected do...end"                                                                    |          | 11/19/2019 04:27 AM |
| 15423 | Ruby    | Bug     | Open   | fork leapfrog leaks memory on FreeBSD 11.2                                                                                      |          | 12/16/2018 02:28 PM |
| 10000 | Ruby    | Feature | Open   | format width and precision with symbol hash                                                                                     |          | 07/01/2014 01:25 AM |
| 20147 | Ruby    | Bug     | Open   | FreeBSD libyaml                                                                                                                 |          | 12/31/2024 12:02 AM |
| 19470 | Ruby    | Bug     | Open   | Frequent small range-reads from and then writes to a large array are very slow                                                  |          | 03/07/2023 07:27 AM |
| 21374 | Ruby    | Bug     | Open   | FrozenError message is inconsistent when a singleton method is defined on a frozen object                                       |          | 06/05/2025 08:43 AM |
| 17353 | Ruby    | Feature | Open   | Functional chaining operator                                                                                                    |          | 11/30/2020 03:29 AM |
| 14275 | Ruby    | Feature | Open   | GC not aggressive enough                                                                                                        |          | 06/17/2021 06:54 PM |
| 16897 | Ruby    | Feature | Open   | General purpose memoizer in Ruby 3 with Ruby 2 performance                                                                      |          | 06/26/2020 03:51 PM |
| 8862  | Ruby    | Feature | Open   | getoptlong to accept user-provided commandline                                                                                  |          | 09/04/2013 09:53 PM |
| 10312 | Ruby    | Misc    | Open   | Give people more control over how the ruby parser sees code and lexical code elements (valid/invalid - toggle options) + macros |          | 01/20/2016 05:14 PM |
| 12113 | Ruby    | Feature | Open   | Global method inside Delegator causes NameError                                                                                 |          | 03/01/2016 01:58 AM |
| 16615 | Ruby    | Feature | Open   | Group style access scope for macros                                                                                             |          | 03/09/2020 02:39 PM |
| 18959 | Ruby    | Feature | Open   | Handle gracefully nil kwargs eg. **nil                                                                                          |          | 08/29/2022 02:17 PM |

| #     | Project | Tracker | Status | Subject                                                                                                                    | Assignee | Updated             |
|-------|---------|---------|--------|----------------------------------------------------------------------------------------------------------------------------|----------|---------------------|
| 8772  | Ruby    | Feature | Open   | Hash alias #  merge, and the case for Hash and Array polymorphism                                                          |          | 12/25/2017 06:15 PM |
| 20456 | Ruby    | Bug     | Open   | Hash can get stuck marked as iterating through process forking                                                             |          | 04/26/2024 10:06 AM |
| 12282 | Ruby    | Feature | Open   | Hash#dig! for repeated applications of Hash#fetch                                                                          |          | 08/21/2025 09:34 AM |
| 15431 | Ruby    | Misc    | Open   | Hashes and arrays should not require commas to seperate values when using new lines                                        |          | 12/18/2018 11:05 AM |
| 12165 | Ruby    | Feature | Open   | Hash#first, Hash#last                                                                                                      |          | 05/17/2023 05:14 PM |
| 14636 | Ruby    | Feature | Open   | `Hash` has a method for accessing the shortest path towards a certain key                                                  |          | 03/28/2018 09:42 AM |
| 10177 | Ruby    | Feature | Open   | Hash#has_key? and Hash#has_value? should be deprecated                                                                     |          | 09/19/2014 06:01 PM |
| 14788 | Ruby    | Feature | Open   | `Hash#keys` Could Accept a Block                                                                                           |          | 03/25/2020 01:49 PM |
| 16436 | Ruby    | Misc    | Open   | hash missing #last method, make it not so consistent (it has #first)                                                       |          | 01/06/2021 09:47 AM |
| 16252 | Ruby    | Feature | Open   | Hash#partition should return hashes                                                                                        |          | 11/18/2021 03:54 PM |
| 12586 | Ruby    | Feature | Open   | Hash#sample                                                                                                                |          | 08/10/2016 04:08 AM |
| 13795 | Ruby    | Feature | Open   | Hash#select return type does not match Hash#find_all                                                                       |          | 06/24/2019 06:33 PM |
| 20300 | Ruby    | Feature | Open   | Hash: set value and get pre-existing value in one call                                                                     |          | 05/11/2024 04:21 PM |
| 18950 | Ruby    | Feature | Open   | Hash#slice fails to copy default block                                                                                     |          | 08/05/2022 05:57 PM |
| 14580 | Ruby    | Feature | Open   | Hash#store accepts a block                                                                                                 |          | 03/08/2018 11:59 AM |
| 17315 | Ruby    | Feature | Open   | Hash #transform                                                                                                            |          | 11/13/2020 08:38 PM |
| 16183 | Ruby    | Feature | Open   | Hash#with_default                                                                                                          |          | 09/27/2019 08:35 AM |
| 17790 | Ruby    | Feature | Open   | Have a way to clear a String without resetting its capacity                                                                |          | 04/21/2021 11:27 PM |
| 11026 | Ruby    | Feature | Open   | How atomic should dynamic regexp with "once" flag be?                                                                      |          | 12/23/2021 11:43 PM |
| 21194 | Ruby    | Feature | Open   | How to manage application-level information in Ruby application                                                            |          | 03/21/2025 05:06 AM |
| 12986 | Ruby    | Feature | Open   | HTTP/request basic_auth context should be switched                                                                         |          | 06/24/2019 10:38 PM |
| 12985 | Ruby    | Feature | Open   | HTTP should handle cookies                                                                                                 |          | 06/24/2019 10:38 PM |
| 14710 | Ruby    | Feature | Open   | I'd like to know from C API that "It has only one reference to Ruby object" to determine whether it is a temporary object. |          | 04/24/2018 11:28 PM |
| 17199 | Ruby    | Misc    | Open   | id outputed by inspect and to_s output does not allow to find actual object_id and vice-versa                              |          | 10/20/2020 09:35 PM |
| 14701 | Ruby    | Feature | Open   | If the object is not frozen, I want to be able to redefine the compound assignment operator.                               |          | 08/11/2019 08:46 PM |
| 12008 | Ruby    | Feature | Open   | Immutable object graphs (a.k.a. deep freeze)                                                                               |          | 06/27/2019 10:29 PM |
| 10273 | Ruby    | Feature | Open   | Immutable Ruby                                                                                                             |          | 12/23/2021 11:43 PM |
| 16142 | Ruby    | Feature | Open   | Implement code_range in Proc and Method                                                                                    |          | 01/09/2024 06:30 PM |
| 14136 | Ruby    | Feature | Open   | Implement #empty? on more classes                                                                                          |          | 10/27/2018 07:20 AM |
| 11629 | Ruby    | Feature | Open   | Implement Enhanced Mail System Status Codes (rfc1893)                                                                      |          | 10/28/2015 10:38 AM |
| 20613 | Ruby    | Feature | Open   | Implement shadow stack (part of CET) for coroutines                                                                        |          | 07/08/2024 02:26 PM |
| 16741 | Ruby    | Feature | Open   | Implement Shellwords.shellescape correctly for Windows                                                                     |          | 03/29/2020 07:54 AM |

| #     | Project | Tracker | Status | Subject                                                                         | Assignee | Updated             |
|-------|---------|---------|--------|---------------------------------------------------------------------------------|----------|---------------------|
| 11588 | Ruby    | Feature | Open   | Implement structured warnings                                                   |          | 12/06/2015 08:48 PM |
| 19191 | Ruby    | Feature | Open   | Implicit console input transcoding is more desirable                            |          | 11/22/2024 03:39 PM |
| 10477 | Ruby    | Feature | Open   | Implicit interfaces                                                             |          | 12/23/2021 11:43 PM |
| 10561 | Ruby    | Feature | Open   | Improve function of Thread::Backtrace::Location #path and #absolute_path        |          | 09/24/2020 09:39 AM |
| 16648 | Ruby    | Feature | Open   | improve GC performance by 5% with builtin_prefetch                              |          | 02/29/2020 06:27 PM |
| 19011 | Ruby    | Feature | Open   | Improve LSP support in CRuby development itself                                 |          | 11/10/2022 11:35 AM |
| 15744 | Ruby    | Misc    | Open   | Improvement needed to documentation of 'Literals'                               |          | 06/24/2019 02:27 AM |
| 17311 | Ruby    | Feature | Open   | Improve performance Array#deconstruct & Array#to_ary                            |          | 11/08/2020 07:12 AM |
| 17416 | Ruby    | Feature | Open   | Improve performance Kernel#itself                                               |          | 12/21/2020 01:14 PM |
| 13436 | Ruby    | Feature | Open   | Improve performance of Array#<=> with Fixnum/Float/String elements              |          | 06/24/2019 08:26 PM |
| 13506 | Ruby    | Feature | Open   | Improve performance of Complex#{+,-,*,**,abs2}                                  |          | 06/24/2019 08:21 PM |
| 13482 | Ruby    | Feature | Open   | Improve performance of "set instance variable"                                  |          | 06/24/2019 08:25 PM |
| 13507 | Ruby    | Feature | Open   | Improve performance of some Complex methods where call Numeric#real? internally |          | 06/24/2019 08:21 PM |
| 19097 | Ruby    | Feature | Open   | Improve performance some Float and IO class constants                           |          | 11/01/2022 03:21 PM |

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