

## Issues

| #     | Project | Tracker | Status   | Subject                                                                            | Assignee                  | Updated             |
|-------|---------|---------|----------|------------------------------------------------------------------------------------|---------------------------|---------------------|
| 19304 | Ruby    | Misc    | Assigned | Kernel vs Object documentation                                                     | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 16630 | Ruby    | Misc    | Assigned | Deprecate pub/ruby/*snapshot* and use pub/ruby/snapshot/* instead                  | matz (Yukihiko Matsumoto) | 02/27/2020 09:52 AM |
| 14760 | Ruby    | Misc    | Assigned | cross-thread IO#close semantics                                                    | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 10541 | Ruby    | Misc    | Assigned | Remove shorthand string interpolation syntax                                       | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 20953 | Ruby    | Feature | Assigned | Array#fetch_values vs #values_at protocols                                         | matz (Yukihiko Matsumoto) | 03/27/2025 01:15 AM |
| 20205 | Ruby    | Feature | Assigned | Enable `frozen_string_literal` by default                                          | matz (Yukihiko Matsumoto) | 12/19/2024 03:22 PM |
| 17849 | Ruby    | Feature | Assigned | Fix Timeout.timeout so that it can be used in threaded Web servers                 | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 17830 | Ruby    | Feature | Assigned | Add Integer#previous and Integer#prev                                              | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 17785 | Ruby    | Feature | Assigned | Allow named parameters to be keywords                                              | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 17291 | Ruby    | Feature | Assigned | Optimize __send__ call                                                             | matz (Yukihiko Matsumoto) | 01/12/2021 05:47 AM |
| 17288 | Ruby    | Feature | Assigned | Optimize __send__ call with a literal method name                                  | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 17279 | Ruby    | Feature | Assigned | Allow a negative step in Range#step with a block                                   | matz (Yukihiko Matsumoto) | 07/14/2024 11:33 AM |
| 17184 | Ruby    | Feature | Assigned | No stdlib function to perform simple string replacement                            | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 16992 | Ruby    | Feature | Assigned | Sets: officially ordered                                                           | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 16986 | Ruby    | Feature | Assigned | Anonymous Struct literal                                                           | matz (Yukihiko Matsumoto) | 10/18/2024 08:06 PM |
| 16894 | Ruby    | Feature | Assigned | Integer division for Ruby 3                                                        | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 16461 | Ruby    | Feature | Assigned | Proc#using                                                                         | matz (Yukihiko Matsumoto) | 05/16/2024 12:06 AM |
| 15991 | Ruby    | Feature | Assigned | Allow questionmarks in variable names                                              | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 15837 | Ruby    | Feature | Assigned | Module#name_components                                                             | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 15445 | Ruby    | Feature | Assigned | Reject '.123' in Float() method                                                    | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 15330 | Ruby    | Feature | Assigned | autoload_relative                                                                  | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 15277 | Ruby    | Feature | Assigned | at_exec                                                                            | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 15192 | Ruby    | Feature | Assigned | Introduce a new "shortcut assigning" syntax to convenient setup instance variables | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 15112 | Ruby    | Feature | Assigned | Introducing the short form of `STDERR.puts expr.inspect`.                          | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 14982 | Ruby    | Feature | Assigned | Improve namespace system in ruby to avoiding top-level names chaos                 | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 14927 | Ruby    | Feature | Assigned | Loading multiple files at once                                                     | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 14724 | Ruby    | Feature | Assigned | chains of inequalities                                                             | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 14548 | Ruby    | Feature | Assigned | Allow some_array&.[1] to be a valid syntax                                         | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 14546 | Ruby    | Feature | Assigned | Hash#delete!                                                                       | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 14397 | Ruby    | Feature | Assigned | public, protected and private should return their arguments instead of self        | matz (Yukihiko Matsumoto) | 12/10/2018 07:08 AM |
| 14128 | Ruby    | Feature | Assigned | Introduce Hash#delete default value                                                | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |

| #     | Project | Tracker | Status   | Subject                                                                                                                 | Assignee                  | Updated             |
|-------|---------|---------|----------|-------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------|
| 13129 | Ruby    | Feature | Assigned | Refinements cannot refine method_missing and respond_to_missing?                                                        | matz (Yukihiko Matsumoto) | 07/03/2021 10:45 PM |
| 12543 | Ruby    | Feature | Assigned | explicit tail call syntax: foo() then return                                                                            | matz (Yukihiko Matsumoto) | 04/18/2021 03:02 PM |
| 12306 | Ruby    | Feature | Assigned | Implement String #blank? #present? and improve #strip and family to handle unicode                                      | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 12244 | Ruby    | Feature | Assigned | Add a way to `integer - integer % num`                                                                                  | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 12019 | Ruby    | Feature | Assigned | Better low-level support for writing concurrent libraries                                                               | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 11882 | Ruby    | Feature | Assigned | Map or NamedMap                                                                                                         | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 11816 | Ruby    | Feature | Assigned | Partial safe navigation operator                                                                                        | matz (Yukihiko Matsumoto) | 04/14/2020 08:02 AM |
| 11735 | Ruby    | Feature | Assigned | Porting String#squish and String#squish! from Ruby on Rails' Active Support                                             | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 11627 | Ruby    | Feature | Assigned | make `nonzero` an alias of `nonzero?`                                                                                   | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 11518 | Ruby    | Feature | Assigned | Queue enhancement - promote! and promote_all!                                                                           | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 11517 | Ruby    | Feature | Assigned | Queue enhancement - conditional pop                                                                                     | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 11390 | Ruby    | Feature | Assigned | Allow symbols starting with numbers                                                                                     | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 11307 | Ruby    | Feature | Assigned | exception-free non-blocking Queue#pop                                                                                   | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 11181 | Ruby    | Feature | Assigned | Add a line directive to Ruby                                                                                            | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 11122 | Ruby    | Feature | Assigned | exception-free non-blocking Queue/SizedQueue operations                                                                 | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 11028 | Ruby    | Feature | Assigned | standalone running single file ( zipped archives of ruby code) running **without installation** using "gem install ..." | matz (Yukihiko Matsumoto) | 04/04/2015 01:44 AM |
| 10574 | Ruby    | Feature | Assigned | Add String#lchomp and String.lchomp!                                                                                    | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 10549 | Ruby    | Feature | Assigned | Deprecate each_with_index and each_with_object in favor of with_index and with_object                                   | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 10498 | Ruby    | Feature | Assigned | Make `loop` yield a counter                                                                                             | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 10489 | Ruby    | Feature | Assigned | Add inherit method for clearer and multiple inheritance                                                                 | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 10481 | Ruby    | Feature | Assigned | Add "if" and "unless" clauses to rescue statements                                                                      | matz (Yukihiko Matsumoto) | 01/18/2015 02:46 PM |
| 10404 | Ruby    | Feature | Assigned | Allow individual finalizers to be removed with ObjectSpace.undefine_finalizer                                           | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 10287 | Ruby    | Feature | Assigned | rename COLON3 to COLON2_HEAD.                                                                                           | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 9816  | Ruby    | Feature | Assigned | □□□□□□□□□□□□□□□□□□                                                                                                      | matz (Yukihiko Matsumoto) | 10/28/2014 08:29 AM |
| 9768  | Ruby    | Feature | Assigned | Method that is visible only within a certain module/class                                                               | matz (Yukihiko Matsumoto) | 04/25/2014 06:43 AM |
| 9704  | Ruby    | Feature | Assigned | Refinements as files instead of modules                                                                                 | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 9614  | Ruby    | Feature | Assigned | ordering of non-Hash items which use st_ internally                                                                     | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 9123  | Ruby    | Feature | Assigned | Make Numeric#nonzero? behavior consistent with Numeric#zero?                                                            | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 9070  | Ruby    | Feature | Assigned | Introduce `---` as synonym of `end` keyword                                                                             | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 9043  | Ruby    | Feature | Assigned | Add String#f method as shortcut for #freeze                                                                             | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 9023  | Ruby    | Feature | Assigned | Array#tail                                                                                                              | matz (Yukihiko Matsumoto) | 12/23/2021 11:40 PM |
| 8850  | Ruby    | Feature | Assigned | Convert Rational to decimal string                                                                                      | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |



| #    | Project | Tracker | Status   | Subject                                                                                                        | Assignee                  | Updated             |
|------|---------|---------|----------|----------------------------------------------------------------------------------------------------------------|---------------------------|---------------------|
| 7444 | Ruby    | Feature | Assigned | Array#product_set                                                                                              | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 7436 | Ruby    | Feature | Assigned | Allow for a "granularity" flag for backtrace_locations                                                         | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 7377 | Ruby    | Feature | Assigned | #indetical? as an alias for #equal?                                                                            | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 7349 | Ruby    | Feature | Assigned | Struct#inspect needs more meaningful output                                                                    | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 7314 | Ruby    | Feature | Assigned | Convert Proc to Lambda doesn't work in MRI                                                                     | matz (Yukihiko Matsumoto) | 05/21/2016 09:15 AM |
| 7149 | Ruby    | Feature | Assigned | Constant magic for everyone.                                                                                   | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 7132 | Ruby    | Feature | Assigned | Alternation between named / ordered method arguments and aliases for method arguments.                         | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 7121 | Ruby    | Feature | Assigned | Extending the use of `require`                                                                                 | matz (Yukihiko Matsumoto) | 04/03/2024 04:29 AM |
| 7087 | Ruby    | Feature | Assigned | ::ConditionVariable#wait does not work with Monitor because Monitor#sleep does not exist                       | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 6869 | Ruby    | Feature | Assigned | Do not treat `_' parameter exceptionally                                                                       | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 6842 | Ruby    | Feature | Assigned | Add Optional Arguments to String#strip                                                                         | matz (Yukihiko Matsumoto) | 08/24/2016 05:50 AM |
| 6841 | Ruby    | Feature | Assigned | Shorthand for Assigning Return Value of Method to Self                                                         | matz (Yukihiko Matsumoto) | 12/10/2020 08:53 AM |
| 6817 | Ruby    | Feature | Assigned | Partial application                                                                                            | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 6811 | Ruby    | Feature | Assigned | File, Dir and FileUtils should have bang-versions of singleton methods that fails silently                     | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 6810 | Ruby    | Feature | Assigned | `module A::B; end` is not equivalent to `module A; module B; end; end` with respect to constant lookup (scope) | matz (Yukihiko Matsumoto) | 12/10/2020 09:22 AM |
| 6802 | Ruby    | Feature | Assigned | String#scan should have equivalent yielding MatchData                                                          | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 6671 | Ruby    | Feature | Assigned | File.split_all and File.split_root                                                                             | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 6648 | Ruby    | Feature | Assigned | Provide a standard API for retrieving all command-line flags passed to Ruby                                    | matz (Yukihiko Matsumoto) | 12/17/2024 04:10 PM |
| 6641 | Ruby    | Feature | Assigned | Hash.auto constructor                                                                                          | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |
| 6611 | Ruby    | Feature | Assigned | Comments requested on implementation of set_parse_func                                                         | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 6596 | Ruby    | Feature | Assigned | New method `Array#indexes`                                                                                     | matz (Yukihiko Matsumoto) | 07/29/2020 01:41 AM |
| 6594 | Ruby    | Feature | Assigned | Integrated Functor                                                                                             | matz (Yukihiko Matsumoto) | 03/20/2024 12:21 AM |
| 6452 | Ruby    | Feature | Assigned | Allow extend to override class methods                                                                         | matz (Yukihiko Matsumoto) | 12/10/2020 08:53 AM |
| 6445 | Ruby    | Feature | Assigned | request for default length/position on string index                                                            | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 6376 | Ruby    | Feature | Assigned | Feature lookup and checking if feature is loaded                                                               | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 6354 | Ruby    | Feature | Assigned | Remove escape (break/return/redo/next support) from class/module scope                                         | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 6337 | Ruby    | Feature | Assigned | FileUtils#sync                                                                                                 | matz (Yukihiko Matsumoto) | 03/20/2024 12:38 AM |
| 6317 | Ruby    | Feature | Assigned | Range#cover? Range                                                                                             | matz (Yukihiko Matsumoto) | 03/20/2024 12:46 AM |
| 6309 | Ruby    | Feature | Assigned | Add a reference queue for weak references                                                                      | matz (Yukihiko Matsumoto) | 08/23/2020 09:07 PM |
| 6308 | Ruby    | Feature | Assigned | Eliminate delegation from WeakRef                                                                              | matz (Yukihiko Matsumoto) | 12/23/2021 11:40 PM |
| 6293 | Ruby    | Feature | Assigned | new queue / blocking queues                                                                                    | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 6277 | Ruby    | Feature | Assigned | Hash#convert_key                                                                                               | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |

| #     | Project | Tracker | Status   | Subject                                                             | Assignee                  | Updated             |
|-------|---------|---------|----------|---------------------------------------------------------------------|---------------------------|---------------------|
| 5970  | Ruby    | Feature | Assigned | Add Enumerable#join with same semantics as Array#join               | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 5945  | Ruby    | Feature | Assigned | Add the ability to mark a at_exit as process-local.                 | matz (Yukihiko Matsumoto) | 10/10/2018 08:29 AM |
| 5825  | Ruby    | Feature | Assigned | Sweet instance var assignment in the object initializer             | matz (Yukihiko Matsumoto) | 10/12/2023 02:41 AM |
| 5781  | Ruby    | Feature | Assigned | Query attributes (attribute methods ending in `?` mark)             | matz (Yukihiko Matsumoto) | 01/10/2020 06:34 AM |
| 5749  | Ruby    | Feature | Assigned | new method String#match_all needed                                  | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 5741  | Ruby    | Feature | Assigned | Secure Erasure of Passwords                                         | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 5643  | Ruby    | Feature | Assigned | require/load options and binding option                             | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 5582  | Ruby    | Feature | Assigned | Allow clone of singleton methods on a BasicObject                   | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 5558  | Ruby    | Feature | Assigned | String#% strange arity errors                                       | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 5456  | Ruby    | Feature | Assigned | kernel#syscall() should be removed.                                 | matz (Yukihiko Matsumoto) | 12/10/2020 08:46 AM |
| 5445  | Ruby    | Feature | Assigned | Need RUBYOPT -r before ARGV -r                                      | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 5389  | Ruby    | Feature | Assigned | New method Enumerator#iterate                                       | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 5129  | Ruby    | Feature | Assigned | Create a core class "FileArray" and make "ARGF" its instance        | matz (Yukihiko Matsumoto) | 01/23/2018 02:02 PM |
| 5064  | Ruby    | Feature | Assigned | HTTP user-agent class                                               | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 5007  | Ruby    | Feature | Assigned | Proc#call_under: Unifying instance_eval and instance_exec           | matz (Yukihiko Matsumoto) | 04/19/2018 07:57 AM |
| 4824  | Ruby    | Feature | Assigned | Provide method Kernel#executed?                                     | matz (Yukihiko Matsumoto) | 03/05/2018 04:57 AM |
| 4818  | Ruby    | Feature | Assigned | Add method marshalable?                                             | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 4592  | Ruby    | Feature | Assigned | Tempfile□□□□□□□□                                                    | matz (Yukihiko Matsumoto) | 12/25/2017 06:14 PM |
| 4539  | Ruby    | Feature | Assigned | Array#zip_with                                                      | matz (Yukihiko Matsumoto) | 05/16/2025 08:47 PM |
| 4521  | Ruby    | Feature | Assigned | NoMethodError#message may take very long to execute                 | matz (Yukihiko Matsumoto) | 12/25/2017 06:14 PM |
| 4514  | Ruby    | Feature | Assigned | #deep_clone and #deep_dup for Objects                               | matz (Yukihiko Matsumoto) | 12/25/2017 06:14 PM |
| 15764 | Ruby    | Bug     | Assigned | Whitespace and control characters should not be permitted in tokens | matz (Yukihiko Matsumoto) | 04/03/2024 03:50 AM |