

## Issues

| #     | Project | Tracker | Status   | Subject                                                                                                            | Assignee                          | Updated             |
|-------|---------|---------|----------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------|---------------------|
| 18878 | Ruby    | Bug     | Assigned | parse.y: Foo::Bar {} is inconsistently rejected                                                                    | ydah (Yudai Takada)               | 05/07/2025 06:07 AM |
| 11142 | Ruby    | Bug     | Assigned | Command line argument parser on windows handles double quotes inconsistently.                                      | usa (Usaku NAKAMURA)              | 04/03/2024 03:50 AM |
| 21298 | Ruby    | Bug     | Assigned | `ObjectSpace.allocation_class_path` returns inconsistent results depending on `TracePoint` state                   | tenderlovmaking (Aaron Patterson) | 06/03/2025 05:47 AM |
| 20041 | Ruby    | Bug     | Assigned | Array destructuring and default values in parameters                                                               | tenderlovmaking (Aaron Patterson) | 04/03/2024 03:50 AM |
| 21362 | Ruby    | Bug     | Assigned | Namespace: Inline method caches poisoned with builtins                                                             | tagomoris (Satoshi Tagomori)      | 07/08/2025 05:36 AM |
| 21339 | Ruby    | Bug     | Assigned | Namespace: `RubyVM::InstructionSequence.load_iseq` isn't called for the root namespace                             | tagomoris (Satoshi Tagomori)      | 06/03/2025 05:46 AM |
| 20888 | Ruby    | Bug     | Assigned | 4c270200db breaks TestGemRemoteFetcherLocalSSLServer tests or so                                                   | shioimm (Misaki Shioi)            | 12/06/2024 05:51 AM |
| 12582 | Ruby    | Bug     | Assigned | OpenSSL Authenticated Encryption should check for tag length                                                       | rhenium (Kazuki Yamaguchi)        | 04/28/2017 01:45 PM |
| 21203 | Ruby    | Bug     | Assigned | TestGc#test_gc_parameter_init_slots is flaky results                                                               | peterzhu2118 (Peter Zhu)          | 04/02/2025 09:28 AM |
| 21097 | Ruby    | Bug     | Assigned | `x = a rescue b in c` and `def f = a rescue b in c` parsed differently between parse.y and prism                   | nobu (Nobuyoshi Nakada)           | 03/11/2025 07:24 AM |
| 20920 | Ruby    | Bug     | Assigned | When loading a file, <code>__FILE__</code> gets relative paths expanded only when they start with <code>"/"</code> | nobu (Nobuyoshi Nakada)           | 03/27/2025 01:15 AM |
| 19794 | Ruby    | Bug     | Assigned | Ruby 3.2.2 fails to build on macOS Sonoma betas                                                                    | nobu (Nobuyoshi Nakada)           | 09/21/2023 05:44 AM |
| 17578 | Ruby    | Bug     | Assigned | mkmf experimental C++ Support                                                                                      | nobu (Nobuyoshi Nakada)           | 01/27/2021 03:51 AM |
| 16497 | Ruby    | Bug     | Assigned | StringIO#internal_encoding is broken (more severely in 2.7)                                                        | nobu (Nobuyoshi Nakada)           | 10/26/2021 04:31 PM |
| 12725 | Ruby    | Bug     | Assigned | Trying to use <code>./miniruby</code> before it exists                                                             | nobu (Nobuyoshi Nakada)           | 08/22/2023 10:33 PM |
| 10416 | Ruby    | Bug     | Assigned | Create mechanism for updating of Unicode data files downstreams when we want                                       | nobu (Nobuyoshi Nakada)           | 04/03/2024 03:50 AM |
| 9010  | Ruby    | Bug     | Assigned | <code>./configure --prefix=</code> cannot handle directories with spaces                                           | nobu (Nobuyoshi Nakada)           | 11/13/2023 07:46 PM |
| 7964  | Ruby    | Bug     | Assigned | Writing an ASCII-8BIT String to a StringIO created from a UTF-8 String                                             | nobu (Nobuyoshi Nakada)           | 11/13/2023 07:07 PM |
| 6360  | Ruby    | Bug     | Assigned | Debug information build even without requesting it                                                                 | nobu (Nobuyoshi Nakada)           | 11/13/2023 07:21 PM |
| 7892  | Ruby    | Bug     | Assigned | MIME encoding bug of NKF.nkf                                                                                       | naruse (Yui NARUSE)               | 04/03/2024 03:50 AM |
| 20881 | Ruby    | Bug     | Assigned | Complex#** returns discontinuous results in Fixnum and Bignum exponents                                            | mrkn (Kenta Murata)               | 11/13/2024 05:16 AM |
| 18677 | Ruby    | Bug     | Assigned | BigDecimal#power (**) returns FloatDomainError when passing an infinite parameter                                  | mrkn (Kenta Murata)               | 04/20/2022 02:04 AM |
| 15764 | Ruby    | Bug     | Assigned | Whitespace and control characters should not be permitted in tokens                                                | matz (Yukihiro Matsumoto)         | 04/03/2024 03:50 AM |
| 19363 | Ruby    | Bug     | Assigned | Fix rb_transient_heap_mark: wrong header (T_STRUCT) segfault                                                       | mame (Yusuke Endoh)               | 04/03/2024 03:50 AM |
| 20225 | Ruby    | Bug     | Assigned | Inconsistent behavior of regex matching for a regex has a null loop                                                | make_now_just (Hiroya Fujinami)   | 04/03/2024 03:50 AM |
| 20948 | Ruby    | Bug     | Assigned | Constant references incorrectly cached in <code>module (expr)::Foo</code>                                          | ko1 (Koichi Sasada)               | 12/14/2024 10:48 PM |
| 20816 | Ruby    | Bug     | Assigned | Potential regression in Ruby 3.3.x (compared with 3.1 and 3.2) regarding fast syscalls and multi-threading.        | ko1 (Koichi Sasada)               | 03/27/2025 01:15 AM |
| 20743 | Ruby    | Bug     | Assigned | ruby doesn't properly split RUBY_DEBUG_LOG_FILTER into items                                                       | ko1 (Koichi Sasada)               | 01/28/2025 12:42 AM |
| 20462 | Ruby    | Bug     | Assigned | Native threads are no longer reused                                                                                | ko1 (Koichi Sasada)               | 07/03/2024 12:11 AM |
| 20420 | Ruby    | Bug     | Assigned | benchmark/gc/redblack.rb license clarification                                                                     | ko1 (Koichi Sasada)               | 09/20/2024 12:27 AM |

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|-------|---------|---------|----------|------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------|
| 19996 | Ruby    | Bug     | Assigned | `RUBY_MN_THREADS=1` triggers Action Cable unit test failures                                                           | ko1 (Koichi Sasada)        | 12/19/2023 06:40 AM |
| 19368 | Ruby    | Bug     | Assigned | Small issue with isolated procs and eval                                                                               | ko1 (Koichi Sasada)        | 01/22/2023 11:26 PM |
| 18740 | Ruby    | Bug     | Assigned | Use of rightward assignment changes line number needed for line-targeted TracePoint                                    | ko1 (Koichi Sasada)        | 04/03/2024 03:50 AM |
| 16819 | Ruby    | Bug     | Assigned | Line reporting off by one when reporting line of a hash?                                                               | ko1 (Koichi Sasada)        | 06/16/2020 05:57 PM |
| 16776 | Ruby    | Bug     | Assigned | Regression in coverage library                                                                                         | ko1 (Koichi Sasada)        | 11/24/2021 07:26 AM |
| 15499 | Ruby    | Bug     | Assigned | Breaking behavior on ruby 2.6: rb_thread_call_without_gvl doesn't invoke unblock_function when used on the main thread | ko1 (Koichi Sasada)        | 01/05/2021 02:24 AM |
| 15315 | Ruby    | Bug     | Assigned | ec_switch can still lose interrupts                                                                                    | ko1 (Koichi Sasada)        | 04/03/2024 03:50 AM |
| 15263 | Ruby    | Bug     | Assigned | [PATCH] vm_trace.c (postponed_job_register): only hit main thread                                                      | ko1 (Koichi Sasada)        | 04/03/2024 03:50 AM |
| 14727 | Ruby    | Bug     | Assigned | TestQueue#test_queue_with_trap always timeout on Windows10                                                             | ko1 (Koichi Sasada)        | 05/01/2018 02:59 AM |
| 14090 | Ruby    | Bug     | Assigned | `TestGc#test_interrupt_in_finalizer` fails very rarely                                                                 | ko1 (Koichi Sasada)        | 12/02/2021 07:24 PM |
| 11808 | Ruby    | Bug     | Assigned | Different behavior between Enumerable#grep and Array#grep                                                              | ko1 (Koichi Sasada)        | 04/03/2024 03:50 AM |
| 10009 | Ruby    | Bug     | Assigned | IO operation is 10x slower in multi-thread environment                                                                 | ko1 (Koichi Sasada)        | 04/03/2024 03:50 AM |
| 8444  | Ruby    | Bug     | Assigned | Regexp vars \$~ and friends are not thread local                                                                       | ko1 (Koichi Sasada)        | 04/03/2024 03:50 AM |
| 21089 | Ruby    | Bug     | Assigned | Missing methods on enumerators created from Enumerator::product and Enumerator::Chain                                  | knu (Akinori MURASHI)      | 03/27/2025 01:15 AM |
| 20045 | Ruby    | Bug     | Assigned | `TestDir#test_home` fails on i686                                                                                      | jemmai (Jemma Issroff)     | 12/19/2023 05:02 AM |
| 18002 | Ruby    | Bug     | Assigned | s390x: Tests failing without LC_ALL env                                                                                | jaruga (Jun Aruga)         | 04/03/2024 03:50 AM |
| 21270 | Ruby    | Bug     | Assigned | init_fast_fallback_inetsock_internal (default for TCPSocket.new/TCPSocket.open) isn't fiber aware                      | ioquatix (Samuel Williams) | 05/12/2025 11:16 PM |
| 21212 | Ruby    | Bug     | Assigned | IO::Buffer can be freed while its slice is locked                                                                      | ioquatix (Samuel Williams) | 05/12/2025 11:16 PM |
| 20155 | Ruby    | Bug     | Assigned | Using value of rb_fiber_scheduler_current() crashes Ruby                                                               | ioquatix (Samuel Williams) | 01/19/2024 09:45 PM |
| 20089 | Ruby    | Bug     | Assigned | Fiber#kill transfers to root fiber                                                                                     | ioquatix (Samuel Williams) | 09/20/2024 12:27 AM |
| 20082 | Ruby    | Bug     | Assigned | Killing fibers across threads: unexpected exception                                                                    | ioquatix (Samuel Williams) | 04/03/2024 03:50 AM |
| 18818 | Ruby    | Bug     | Assigned | Thread waitq does not retain referenced objects, can lead to use after free.                                           | ioquatix (Samuel Williams) | 04/03/2024 03:50 AM |
| 14681 | Ruby    | Bug     | Assigned | `syswrite`: stream closed in another thread (IOError)                                                                  | ioquatix (Samuel Williams) | 09/20/2024 12:27 AM |
| 20714 | Ruby    | Bug     | Assigned | Handle optional dependencies in `bundled_gems.rb`                                                                      | hsbt (Hiroshi SHIBATA)     | 06/23/2025 06:20 PM |
| 19984 | Ruby    | Bug     | Assigned | `make test-bundler-parallel` fails with `--enable-shared`                                                              | hsbt (Hiroshi SHIBATA)     | 10/08/2024 11:29 AM |
| 15550 | Ruby    | Bug     | Assigned | Windows - gem bin files - can't run from bash shell                                                                    | hsbt (Hiroshi SHIBATA)     | 03/20/2019 01:05 AM |
| 21204 | Ruby    | Bug     | Assigned | `TestEtc#test_ractor_parallel` is still flaky result with ModGC/MMTk                                                   | eightbitraptor (Matt V-H)  | 04/02/2025 08:58 AM |
| 18601 | Ruby    | Bug     | Assigned | Invalid byte sequences in Big5 encodings                                                                               | duerst (Martin Dürst)      | 04/03/2024 03:50 AM |
| 18337 | Ruby    | Bug     | Assigned | Ruby allows zero-width characters in identifiers                                                                       | duerst (Martin Dürst)      | 11/24/2021 09:13 AM |
| 17400 | Ruby    | Bug     | Assigned | Incorrect character downcase for Greek Sigma                                                                           | duerst (Martin Dürst)      | 04/03/2024 03:50 AM |
| 13671 | Ruby    | Bug     | Assigned | Regexp with lookbehind and case-insensitivity raises RegexpError only on strings with certain characters               | duerst (Martin Dürst)      | 01/06/2023 01:59 PM |

| #     | Project | Tracker | Status   | Subject                                                                                                                 | Assignee              | Updated             |
|-------|---------|---------|----------|-------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------|
| 7742  | Ruby    | Bug     | Assigned | System encoding (Windows-1258) is not recognized by Ruby to convert back to UTF-8                                       | duerst (Martin Dürst) | 04/03/2024 03:50 AM |
| 6351  | Ruby    | Bug     | Assigned | transcode table generator does not support multi characters of Unicode                                                  | duerst (Martin Dürst) | 11/13/2023 06:35 PM |
| 8445  | Ruby    | Bug     | Assigned | IO.open and IO#set_encoding does not support :fallback option                                                           | akr (Akira Tanaka)    | 11/13/2023 07:29 PM |
| 21368 | Ruby    | Bug     | Assigned | Moving objects with finalizer between Ractors crashes                                                                   | ractor                | 06/11/2025 10:46 AM |
| 21315 | Ruby    | Bug     | Assigned | Finalizers violate the `rb_ractor_confirm_belonging` assertion                                                          | ractor                | 05/15/2025 07:40 PM |
| 21208 | Ruby    | Bug     | Assigned | `Ractor#send(move: true)` allow moving objects that are on the stack, and used by C code.                               | ractor                | 05/12/2025 11:16 PM |
| 21200 | Ruby    | Bug     | Assigned | Ractor spuriously hangs, segfaults or errors on TestEtc#test_ractor_parallel                                            | ractor                | 05/12/2025 11:16 PM |
| 21146 | Ruby    | Bug     | Assigned | VM_ASSERT(expr) gives bad bug report results when another ractor fails an assertion during printing of report           | ractor                | 05/12/2025 11:16 PM |
| 20473 | Ruby    | Bug     | Assigned | Ractor array/hash literals                                                                                              | ractor                | 05/12/2025 11:16 PM |
| 20472 | Ruby    | Bug     | Assigned | Ractor support for ** into hash literal                                                                                 | ractor                | 05/08/2025 10:38 PM |
| 20167 | Ruby    | Bug     | Assigned | Code execution isn't recorded in Ractor                                                                                 | ractor                | 05/12/2025 11:16 PM |
| 20158 | Ruby    | Bug     | Assigned | Ractor affects Coverage results                                                                                         | ractor                | 05/08/2025 10:38 PM |
| 19410 | Ruby    | Bug     | Assigned | If move from ractor fails with error, some objects are left in broken state                                             | ractor                | 05/08/2025 10:38 PM |
| 19387 | Ruby    | Bug     | Assigned | ObjectSpace.each_objects only returns shareable objects after starting a Ractor                                         | ractor                | 06/09/2025 04:35 PM |
| 19369 | Ruby    | Bug     | Assigned | Small corner-case issue that breaks Ractor isolation: change cloned object from another thread                          | ractor                | 05/08/2025 10:38 PM |
| 19364 | Ruby    | Bug     | Assigned | Issue with tracepoint enable/disable across ractors                                                                     | ractor                | 05/08/2025 10:38 PM |
| 19112 | Ruby    | Bug     | Assigned | Ractor garbage collection breaks/disables all active tracepoints                                                        | ractor                | 05/12/2025 11:16 PM |
| 18733 | Ruby    | Bug     | Assigned | Heavy GC allocations cause performance issue with Ractor                                                                | ractor                | 07/03/2025 12:05 AM |
| 17878 | Ruby    | Bug     | Assigned | bootstraptest/test_ractor.rb:224 a random failing test with "The outgoing-port is already closed (Ractor::ClosedError)" | ractor                | 05/08/2025 10:38 PM |
| 17359 | Ruby    | Bug     | Assigned | Ractor copy mode is not Ractor-safe                                                                                     | ractor                | 07/03/2025 12:39 AM |
| 21540 | Ruby    | Bug     | Assigned | prism allows `foo && return bar` when parse.y doesn't                                                                   | prism                 | 08/21/2025 10:41 PM |
| 21168 | Ruby    | Bug     | Assigned | Prism doesn't require argument parentheses (in some cases) when a block is present but parse.y does                     | prism                 | 03/27/2025 01:15 AM |
| 21266 | Ruby    | Bug     | Assigned | YJIT GC safety crash with proc objects as block argument                                                                | jit                   | 05/12/2025 11:16 PM |
| 20727 | Ruby    | Bug     | Assigned | YJIT segmentation fault inside of invalidate_block_version                                                              | jit                   | 02/18/2025 04:29 PM |
| 17882 | Ruby    | Bug     | Assigned | bootstraptest/test_ractor.rb:224 segfaults on Cygwin                                                                    | cygwin                | 05/19/2022 08:20 AM |
| 15334 | Ruby    | Bug     | Assigned | child_info_fork::abort: address space needed by 'emoji_iso2022_kddi.so' on cygwin                                       | cygwin                | 04/03/2024 03:50 AM |
| 15097 | Ruby    | Bug     | Assigned | Gem install fails on Ruby 2.5.1 with Cygwin (get_dns_server_list undefined)                                             | cygwin                | 04/03/2024 03:50 AM |
| 13999 | Ruby    | Bug     | Assigned | Cygwin  ripper_state_lex.rb                                                                                             | cygwin                | 05/19/2022 08:20 AM |
| 12506 | Ruby    | Bug     | Assigned | On cygwin, Feature #5994 does not work                                                                                  | cygwin                | 05/19/2022 08:20 AM |
| 12445 | Ruby    | Bug     | Assigned | Testing TestIO#test_open_fifo_does_not_block_other_threads results in deadlock on cygwin                                | cygwin                | 05/19/2022 08:20 AM |

| #     | Project | Tracker | Status   | Subject                                                                                               | Assignee                           | Updated             |
|-------|---------|---------|----------|-------------------------------------------------------------------------------------------------------|------------------------------------|---------------------|
| 12444 | Ruby    | Bug     | Assigned | Segmentation fault when running TestException#test_machine_stackoverflow on cygwin                    | cygwin                             | 05/19/2022 08:20 AM |
| 12442 | Ruby    | Bug     | Assigned | TestArgf#test_textmode fails on cygwin                                                                | cygwin                             | 05/19/2022 08:20 AM |
| 11840 | Ruby    | Bug     | Assigned | Error with "make check" on Cygwin                                                                     | cygwin                             | 04/03/2024 03:50 AM |
| 9409  | Ruby    | Bug     | Assigned | Cygwin "filesystem" encoding                                                                          | cygwin                             | 04/03/2024 03:50 AM |
| 19383 | Ruby    | Bug     | Assigned | Time.now.zone encoding for German display language in Windows is incorrect                            | windows                            | 10/20/2024 03:19 PM |
| 19378 | Ruby    | Bug     | Assigned | Windows: Use less syscalls for faster require of big gems                                             | windows                            | 03/01/2023 10:12 PM |
| 14640 | Ruby    | Bug     | Assigned | [win32] File.realpath treats a relative path with a drive letter as an absolute path.                 | windows                            | 04/03/2024 03:50 AM |
| 12040 | Ruby    | Bug     | Assigned | [Win32] File.stat fails on a mounted volume                                                           | windows                            | 02/01/2016 08:13 AM |
| 11438 | Ruby    | Bug     | Assigned | native_thread_init_stack() get machine.stack_start unequal to thread's stack start address, x86 win32 | windows                            | 04/03/2024 03:50 AM |
| 10128 | Ruby    | Bug     | Assigned | Quoting problem for arguments of Kernel.system, Kernel.exec on Windows                                | windows                            | 04/03/2024 03:50 AM |
| 7968  | Ruby    | Bug     | Assigned | Poor UDPSocket#send performance in ruby 2.0.0 on windows                                              | windows                            | 11/16/2023 01:24 PM |
| 9235  | Ruby    | Feature | Assigned | Documentation for commercial support                                                                  | zzak (zzak _)                      | 08/10/2019 02:55 PM |
| 15166 | Ruby    | Feature | Assigned | 2.5 times faster implementation than current gcd implmentation                                        | watson1978 (Shizuo Fujita)         | 04/26/2019 09:12 PM |
| 19193 | Ruby    | Feature | Assigned | drop DOS TEXT mode support                                                                            | usa (Usaku NAKAMURA)               | 12/20/2022 04:53 PM |
| 12653 | Ruby    | Feature | Assigned | Use wide WinAPI for rb_w32_getcwd                                                                     | usa (Usaku NAKAMURA)               | 09/12/2016 06:35 AM |
| 11599 | Ruby    | Feature | Assigned | Dump entries of hash in ObjectSpace                                                                   | tmm1 (Aman Karmani)                | 04/03/2024 03:50 AM |
| 11292 | Ruby    | Feature | Assigned | objspace: Dump type of special consts                                                                 | tmm1 (Aman Karmani)                | 04/03/2024 03:50 AM |
| 7788  | Ruby    | Feature | Assigned | YAML Tag Schema Support                                                                               | tenderlovemaking (Aaron Patterson) | 04/03/2024 03:50 AM |
| 7518  | Ruby    | Feature | Assigned | Fiddle::Pointer#to_str and Fiddle::Pointer#to_int should be removed                                   | tenderlovemaking (Aaron Patterson) | 08/15/2013 04:56 AM |
| 7488  | Ruby    | Feature | Assigned | Receiving object_id in object creation probes                                                         | tenderlovemaking (Aaron Patterson) | 12/25/2017 06:15 PM |
| 9590  | Ruby    | Feature | Assigned | introduce st_foreach_update and st_foreach_update_check for performance.                              | tarui (Masaya Tarui)               | 04/03/2024 03:50 AM |
| 21311 | Ruby    | Feature | Assigned | Namespace on read (revised)                                                                           | tagomoris (Satoshi Tagomori)       | 06/05/2025 09:09 AM |
| 15239 | Ruby    | Feature | Assigned | [patch] test-spec win32ole                                                                            | suke (Masaki Suketa)               | 12/29/2019 01:04 PM |
| 6613  | Ruby    | Feature | Assigned | VT_RECORD, IRecordInfo Support in WIN32OLE                                                            | suke (Masaki Suketa)               | 12/25/2017 06:15 PM |
| 11955 | Ruby    | Feature | Assigned | Expose Object that Receives logs in Logger                                                            | sonots (Naotoshi Seo)              | 10/15/2022 08:38 AM |
| 6682  | Ruby    | Feature | Assigned | Add a method to return an instance attached by a singleton class                                      | shyouhei (Shyouhei Urabe)          | 12/25/2017 06:15 PM |
| 12281 | Ruby    | Feature | Assigned | Allow lexically scoped use of refinements with `using {}` block syntax                                | shugo (Shugo Maeda)                | 06/13/2016 07:44 AM |
| 14412 | Ruby    | Feature | Assigned | DRb UNIX on local machine: add support for getpeereid()                                               | seki (Masatoshi Seki)              | 01/28/2018 12:51 PM |
| 5434  | Ruby    | Feature | Assigned | Allow per-class whitelisting of methods safe to expose through DRb                                    | seki (Masatoshi Seki)              | 12/25/2017 06:15 PM |
| 9830  | Ruby    | Feature | Assigned | Support for GOST private/public keys                                                                  | rhenium (Kazuki Yamaguchi)         | 11/29/2022 01:48 AM |
| 8126  | Ruby    | Feature | Assigned | OpenSSL::SSL::SSLSocket does not define #recv and #send messages                                      | rhenium (Kazuki Yamaguchi)         | 08/08/2019 11:05 PM |
| 6133  | Ruby    | Feature | Assigned | SSLSocket shutdown                                                                                    | rhenium (Kazuki Yamaguchi)         | 11/29/2022 02:07 AM |

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|-------|---------|---------|----------|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------|
| 19465 | Ruby    | Feature | Assigned | [PATCH] reuse open(2) from rb_file_load_ok on POSIX-like system                                                                     | normalperson (Eric Wong) | 02/28/2023 09:40 AM |
| 14901 | Ruby    | Feature | Assigned | [PATCH] do not block SIGCHLD in normal Ruby Threads                                                                                 | normalperson (Eric Wong) | 07/19/2021 05:23 AM |
| 11299 | Ruby    | Feature | Assigned | [PATCH] use Array instead of custom struct for generic ivars                                                                        | normalperson (Eric Wong) | 04/03/2024 03:50 AM |
| 10328 | Ruby    | Feature | Assigned | [PATCH] make OPT_SUPPORT_JOKE a proper VM option                                                                                    | normalperson (Eric Wong) | 04/03/2024 03:50 AM |
| 16978 | Ruby    | Feature | Assigned | Ruby should not use realpath for __FILE__                                                                                           | nobu (Nobuyoshi Nakada)  | 04/03/2024 03:50 AM |
| 16291 | Ruby    | Feature | Assigned | Introduce support for resize in rb_ary_freeze and prefer internal use of rb_ary_freeze and rb_str_freeze for String and Array types | nobu (Nobuyoshi Nakada)  | 04/03/2024 03:50 AM |
| 15305 | Ruby    | Feature | Assigned | [PATCH] include/ruby/ruby.h (RB_ALLOCV*): remove GC guard                                                                           | nobu (Nobuyoshi Nakada)  | 04/03/2024 03:50 AM |
| 13577 | Ruby    | Feature | Assigned | Digest.file accidentally receives File object but uses file path                                                                    | nobu (Nobuyoshi Nakada)  | 05/20/2017 06:50 PM |
| 13516 | Ruby    | Feature | Assigned | Improve the text of the circular require warning                                                                                    | nobu (Nobuyoshi Nakada)  | 08/31/2017 05:49 AM |
| 13378 | Ruby    | Feature | Assigned | Eliminate 4 of 8 syscalls when requiring file by absolute path                                                                      | nobu (Nobuyoshi Nakada)  | 04/03/2024 03:50 AM |
| 12064 | Ruby    | Feature | Assigned | Make creation of enc/unicode/casfold.h automatic again                                                                              | nobu (Nobuyoshi Nakada)  | 04/03/2024 03:50 AM |
| 8959  | Ruby    | Feature | Assigned | Allow top level prepend                                                                                                             | nobu (Nobuyoshi Nakada)  | 10/16/2013 03:22 AM |
| 8460  | Ruby    | Feature | Assigned | PATCH: optparse: add `keep_unknown` option                                                                                          | nobu (Nobuyoshi Nakada)  | 04/02/2023 06:51 AM |
| 8449  | Ruby    | Feature | Assigned | Array#ary_plus always returns an array                                                                                              | nobu (Nobuyoshi Nakada)  | 04/03/2024 03:50 AM |
| 8270  | Ruby    | Feature | Assigned | Ruby should build without thread support (aka minix)                                                                                | nobu (Nobuyoshi Nakada)  | 04/03/2024 03:50 AM |
| 7745  | Ruby    | Feature | Assigned | lib/observer.rb: Observers are compared by identity                                                                                 | nobu (Nobuyoshi Nakada)  | 04/03/2024 03:50 AM |
| 7532  | Ruby    | Feature | Assigned | Hardcoded compiler location                                                                                                         | nobu (Nobuyoshi Nakada)  | 12/25/2017 06:15 PM |
| 7394  | Ruby    | Feature | Assigned | Enumerable#find ifnone parameter could be non-callable                                                                              | nobu (Nobuyoshi Nakada)  | 02/10/2021 09:32 AM |
| 6769  | Ruby    | Feature | Assigned | rbinstall.rb: install both src and batch files separately                                                                           | nobu (Nobuyoshi Nakada)  | 10/30/2015 12:38 PM |
| 4924  | Ruby    | Feature | Assigned | mkmf have_header fails with C++ headers                                                                                             | nobu (Nobuyoshi Nakada)  | 12/25/2017 06:15 PM |
| 2324  | Ruby    | Feature | Assigned | Dir instance methods for relative path                                                                                              | nobu (Nobuyoshi Nakada)  | 12/25/2017 05:58 PM |
| 17638 | Ruby    | Feature | Assigned | Support backtracing with the libbacktrace library                                                                                   | naruse (Yui NARUSE)      | 03/05/2021 03:40 PM |
| 17111 | Ruby    | Feature | Assigned | Improve performance of Net::HTTPHeader#set_form by 40%                                                                              | naruse (Yui NARUSE)      | 08/10/2020 05:36 AM |
| 16559 | Ruby    | Feature | Assigned | Net::HTTP#request injects "Connection: close" header if #started? is false, wasting HTTP server resources                           | naruse (Yui NARUSE)      | 04/03/2024 03:50 AM |
| 15940 | Ruby    | Feature | Assigned | Coerce symbols internal fstrings in UTF8 rather than ASCII to better share memory with string literals                              | naruse (Yui NARUSE)      | 04/03/2024 03:50 AM |
| 15931 | Ruby    | Feature | Assigned | encoding for CESU-8                                                                                                                 | naruse (Yui NARUSE)      | 04/03/2024 03:50 AM |
| 9020  | Ruby    | Feature | Assigned | Net::HTTPResponse predicate/query methods                                                                                           | naruse (Yui NARUSE)      | 12/25/2017 06:15 PM |
| 6265  | Ruby    | Feature | Assigned | Remove 'useless' 'concatenation' syntax                                                                                             | naruse (Yui NARUSE)      | 08/10/2016 02:36 AM |
| 5764  | Ruby    | Feature | Assigned | Net::HTTP should assume HTTP/0.9 on unexpected responses                                                                            | naruse (Yui NARUSE)      | 07/15/2019 05:06 PM |
| 5461  | Ruby    | Feature | Assigned | Add pipelining to Net::HTTP                                                                                                         | naruse (Yui NARUSE)      | 12/25/2017 06:15 PM |
| 5654  | Ruby    | Feature | Assigned | Introduce global lock to avoid concurrent require                                                                                   | nahi (Hiroshi Nakamura)  | 12/25/2017 06:15 PM |

| #     | Project | Tracker | Status   | Subject                                                                            | Assignee                             | Updated             |
|-------|---------|---------|----------|------------------------------------------------------------------------------------|--------------------------------------|---------------------|
| 17339 | Ruby    | Feature | Assigned | Semantic grouping with BigDecimal#to_s                                             | mrkn (Kenta Murata)                  | 07/01/2023 03:02 PM |
| 16350 | Ruby    | Feature | Assigned | ArithmeticSequence#member? can result in infinite loop                             | mrkn (Kenta Murata)                  | 05/29/2020 10:26 PM |
| 14476 | Ruby    | Feature | Assigned | Adding same_all? for checking whether all items in an Array are same               | mrkn (Kenta Murata)                  | 08/28/2020 01:10 PM |
| 10782 | Ruby    | Feature | Assigned | Patch: Add constants for BigDecimal for ZERO, ONE, TEN                             | mrkn (Kenta Murata)                  | 05/21/2015 08:13 AM |
| 8295  | Ruby    | Feature | Assigned | Float → Rational → BigDecimal → Float                                              | mrkn (Kenta Murata)                  | 12/25/2017 06:15 PM |
| 7321  | Ruby    | Feature | Assigned | Newton.#nsolve → 2 → Float                                                         | mrkn (Kenta Murata)                  | 12/25/2017 06:15 PM |
| 6973  | Ruby    | Feature | Assigned | Add an #integral? method to Numeric to test for whole-number values                | mrkn (Kenta Murata)                  | 12/25/2017 06:15 PM |
| 6857  | Ruby    | Feature | Assigned | bigdecimal/math BigMath.E/BigMath.exp R. P. Feynman inspired optimization          | mrkn (Kenta Murata)                  | 12/25/2017 06:15 PM |
| 5310  | Ruby    | Feature | Assigned | Integral objects                                                                   | mrkn (Kenta Murata)                  | 12/25/2017 06:15 PM |
| 21221 | Ruby    | Feature | Assigned | Proposal to upstream ZJIT                                                          | maximecb (Maxime Chevalier-Boisvert) | 05/12/2025 11:16 PM |
| 20953 | Ruby    | Feature | Assigned | Array#fetch_values vs #values_at protocols                                         | matz (Yukihiro Matsumoto)            | 03/27/2025 01:15 AM |
| 20205 | Ruby    | Feature | Assigned | Enable `frozen_string_literal` by default                                          | matz (Yukihiro Matsumoto)            | 08/10/2025 08:57 PM |
| 17849 | Ruby    | Feature | Assigned | Fix Timeout.timeout so that it can be used in threaded Web servers                 | matz (Yukihiro Matsumoto)            | 04/03/2024 03:50 AM |
| 17830 | Ruby    | Feature | Assigned | Add Integer#previous and Integer#prev                                              | matz (Yukihiro Matsumoto)            | 04/03/2024 03:50 AM |
| 17785 | Ruby    | Feature | Assigned | Allow named parameters to be keywords                                              | matz (Yukihiro Matsumoto)            | 04/03/2024 03:50 AM |
| 17291 | Ruby    | Feature | Assigned | Optimize __send__ call                                                             | matz (Yukihiro Matsumoto)            | 01/12/2021 05:47 AM |
| 17288 | Ruby    | Feature | Assigned | Optimize __send__ call with a literal method name                                  | matz (Yukihiro Matsumoto)            | 04/03/2024 03:50 AM |
| 17279 | Ruby    | Feature | Assigned | Allow a negative step in Range#step with a block                                   | matz (Yukihiro Matsumoto)            | 07/14/2024 11:33 AM |
| 17184 | Ruby    | Feature | Assigned | No stdlib function to perform simple string replacement                            | matz (Yukihiro Matsumoto)            | 04/03/2024 03:50 AM |
| 16992 | Ruby    | Feature | Assigned | Sets: officially ordered                                                           | matz (Yukihiro Matsumoto)            | 04/03/2024 03:50 AM |
| 16986 | Ruby    | Feature | Assigned | Anonymous Struct literal                                                           | matz (Yukihiro Matsumoto)            | 10/18/2024 08:06 PM |
| 16894 | Ruby    | Feature | Assigned | Integer division for Ruby 3                                                        | matz (Yukihiro Matsumoto)            | 04/03/2024 03:50 AM |
| 16461 | Ruby    | Feature | Assigned | Proc#using                                                                         | matz (Yukihiro Matsumoto)            | 05/16/2024 12:06 AM |
| 15991 | Ruby    | Feature | Assigned | Allow questionmarks in variable names                                              | matz (Yukihiro Matsumoto)            | 04/03/2024 03:50 AM |
| 15837 | Ruby    | Feature | Assigned | Module#name_components                                                             | matz (Yukihiro Matsumoto)            | 04/03/2024 03:50 AM |
| 15445 | Ruby    | Feature | Assigned | Reject '.123' in Float() method                                                    | matz (Yukihiro Matsumoto)            | 04/03/2024 03:50 AM |
| 15330 | Ruby    | Feature | Assigned | autoload_relative                                                                  | matz (Yukihiro Matsumoto)            | 04/03/2024 03:50 AM |
| 15277 | Ruby    | Feature | Assigned | at_exec                                                                            | matz (Yukihiro Matsumoto)            | 04/03/2024 03:50 AM |
| 15192 | Ruby    | Feature | Assigned | Introduce a new "shortcut assigning" syntax to convenient setup instance variables | matz (Yukihiro Matsumoto)            | 04/03/2024 03:50 AM |
| 15112 | Ruby    | Feature | Assigned | Introducing the short form of `STDERR.puts expr.inspect`.                          | matz (Yukihiro Matsumoto)            | 04/03/2024 03:50 AM |
| 14982 | Ruby    | Feature | Assigned | Improve namespace system in ruby to avoiding top-level names chaos                 | matz (Yukihiro Matsumoto)            | 04/03/2024 03:50 AM |
| 14927 | Ruby    | Feature | Assigned | Loading multiple files at once                                                     | matz (Yukihiro Matsumoto)            | 04/03/2024 03:50 AM |

| #     | Project | Tracker | Status   | Subject                                                                                                                 | Assignee                  | Updated             |
|-------|---------|---------|----------|-------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------|
| 14724 | Ruby    | Feature | Assigned | chains of inequalities                                                                                                  | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 14548 | Ruby    | Feature | Assigned | Allow some_array&.[1] to be a valid syntax                                                                              | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 14546 | Ruby    | Feature | Assigned | Hash#delete!                                                                                                            | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 14397 | Ruby    | Feature | Assigned | public, protected and private should return their arguments instead of self                                             | matz (Yukihiro Matsumoto) | 12/10/2018 07:08 AM |
| 14128 | Ruby    | Feature | Assigned | Introduce Hash#delete default value                                                                                     | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 13129 | Ruby    | Feature | Assigned | Refinements cannot refine method_missing and respond_to_missing?                                                        | matz (Yukihiro Matsumoto) | 07/03/2021 10:45 PM |
| 12543 | Ruby    | Feature | Assigned | explicit tail call syntax: foo() then return                                                                            | matz (Yukihiro Matsumoto) | 04/18/2021 03:02 PM |
| 12306 | Ruby    | Feature | Assigned | Implement String #blank? #present? and improve #strip and family to handle unicode                                      | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 12244 | Ruby    | Feature | Assigned | Add a way to `integer - integer % num`                                                                                  | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 12019 | Ruby    | Feature | Assigned | Better low-level support for writing concurrent libraries                                                               | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 11882 | Ruby    | Feature | Assigned | Map or NamedMap                                                                                                         | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 11816 | Ruby    | Feature | Assigned | Partial safe navigation operator                                                                                        | matz (Yukihiro Matsumoto) | 04/14/2020 08:02 AM |
| 11735 | Ruby    | Feature | Assigned | Porting String#squish and String#squish! from Ruby on Rails' Active Support                                             | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 11627 | Ruby    | Feature | Assigned | make `nonzero` an alias of `nonzero?`                                                                                   | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 11518 | Ruby    | Feature | Assigned | Queue enhancement - promote! and promote_all!                                                                           | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 11517 | Ruby    | Feature | Assigned | Queue enhancement - conditional pop                                                                                     | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 11390 | Ruby    | Feature | Assigned | Allow symbols starting with numbers                                                                                     | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 11307 | Ruby    | Feature | Assigned | exception-free non-blocking Queue#pop                                                                                   | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 11181 | Ruby    | Feature | Assigned | Add a line directive to Ruby                                                                                            | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 11122 | Ruby    | Feature | Assigned | exception-free non-blocking Queue/SizedQueue operations                                                                 | matz (Yukihiro 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 (Yukihiro Matsumoto) | 04/04/2015 01:44 AM |
| 10574 | Ruby    | Feature | Assigned | Add String#lchomp and String.lchomp!                                                                                    | matz (Yukihiro 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 (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 10498 | Ruby    | Feature | Assigned | Make `loop` yield a counter                                                                                             | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 10489 | Ruby    | Feature | Assigned | Add inherit method for clearer and multiple inheritance                                                                 | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 10481 | Ruby    | Feature | Assigned | Add "if" and "unless" clauses to rescue statements                                                                      | matz (Yukihiro Matsumoto) | 01/18/2015 02:46 PM |
| 10404 | Ruby    | Feature | Assigned | Allow individual finalizers to be removed with ObjectSpace.undefine_finalizer                                           | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 10287 | Ruby    | Feature | Assigned | rename COLON3 to COLON2_HEAD.                                                                                           | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 9816  | Ruby    | Feature | Assigned | □□□□□□□□□□□□□□□□□□                                                                                                      | matz (Yukihiro Matsumoto) | 10/28/2014 08:29 AM |
| 9768  | Ruby    | Feature | Assigned | Method that is visible only within a certain module/class                                                               | matz (Yukihiro Matsumoto) | 04/25/2014 06:43 AM |
| 9704  | Ruby    | Feature | Assigned | Refinements as files instead of modules                                                                                 | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 9614  | Ruby    | Feature | Assigned | ordering of non-Hash items which use st_ internally                                                                     | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |

| #    | Project | Tracker | Status   | Subject                                                                                   | Assignee                  | Updated             |
|------|---------|---------|----------|-------------------------------------------------------------------------------------------|---------------------------|---------------------|
| 9123 | Ruby    | Feature | Assigned | Make Numeric#nonzero? behavior consistent with Numeric#zero?                              | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 9070 | Ruby    | Feature | Assigned | Introduce `---` as synonym of `end` keyword                                               | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 9043 | Ruby    | Feature | Assigned | Add String#f method as shortcut for #freeze                                               | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 9023 | Ruby    | Feature | Assigned | Array#tail                                                                                | matz (Yukihiro Matsumoto) | 12/23/2021 11:40 PM |
| 8850 | Ruby    | Feature | Assigned | Convert Rational to decimal string                                                        | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 8839 | Ruby    | Feature | Assigned | Class and module should return the class or module that was opened                        | matz (Yukihiro Matsumoto) | 12/28/2015 08:36 AM |
| 8804 | Ruby    | Feature | Assigned | ONCE syntax                                                                               | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 8678 | Ruby    | Feature | Assigned | Allow invalid string to work with regexp                                                  | matz (Yukihiro Matsumoto) | 01/05/2018 09:00 PM |
| 8663 | Ruby    | Feature | Assigned | Officialy alias ArgumentError to ArgError                                                 | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 8536 | Ruby    | Feature | Assigned | Implement is_numeric? family of methods                                                   | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 8478 | Ruby    | Feature | Assigned | The hash returned by Enumerable#group_by should have an empty array for its default value | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 8271 | Ruby    | Feature | Assigned | Proposal for moving to a more visible, formal process for feature requests                | matz (Yukihiro Matsumoto) | 12/23/2021 11:40 PM |
| 8232 | Ruby    | Feature | Assigned | Rudiments of abstract algebra in Ruby                                                     | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 8229 | Ruby    | Feature | Assigned | extend Hash.include?                                                                      | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 8164 | Ruby    | Feature | Assigned | Public/Private                                                                            | matz (Yukihiro Matsumoto) | 12/10/2020 08:50 AM |
| 8061 | Ruby    | Feature | Assigned | XXXXXXXXXXXXXXXXXXXX                                                                      | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 8042 | Ruby    | Feature | Assigned | Add Addrinfo#socket to create a socket that is not connected or bound                     | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 8016 | Ruby    | Feature | Assigned | Alias __FILE__ and __LINE__ as methods                                                    | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 7914 | Ruby    | Feature | Assigned | Case for local class methods                                                              | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 7883 | Ruby    | Feature | Assigned | Add Regex#to_proc                                                                         | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 7876 | Ruby    | Feature | Assigned | Add method for accessing Class from within Singleton Class                                | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 7848 | Ruby    | Feature | Assigned | Restore default state for core ruby objects                                               | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 7795 | Ruby    | Feature | Assigned | Symbol.defined? and/or to_existing_symbol                                                 | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 7748 | Ruby    | Feature | Assigned | Contextual send                                                                           | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 7739 | Ruby    | Feature | Assigned | Define Hash#  as Hash#reverse_merge in Rails                                              | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 7704 | Ruby    | Feature | Assigned | Add a list of enabled (experimental) language features.                                   | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 7702 | Ruby    | Feature | Assigned | Remove Proc#binding                                                                       | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 7657 | Ruby    | Feature | Assigned | Array#& doesn't accept Enumerables                                                        | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 7654 | Ruby    | Feature | Assigned | Add optional code block to IO::readlines                                                  | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 7644 | Ruby    | Feature | Assigned | In refinements, change "using" keyword to a less generic word.                            | matz (Yukihiro Matsumoto) | 12/10/2020 08:49 AM |
| 7614 | Ruby    | Feature | Assigned | alias_accessor                                                                            | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 7611 | Ruby    | Feature | Assigned | Focal method for all loads/requires                                                       | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |

| #    | Project | Tracker | Status   | Subject                                                                                                        | Assignee                  | Updated             |
|------|---------|---------|----------|----------------------------------------------------------------------------------------------------------------|---------------------------|---------------------|
| 7604 | Ruby    | Feature | Assigned | Make === comparison operator ability to delegate comparison to an argument                                     | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 7580 | Ruby    | Feature | Assigned | Range translation                                                                                              | matz (Yukihiro Matsumoto) | 06/11/2018 09:51 AM |
| 7548 | Ruby    | Feature | Assigned | Load and Require Callbacks                                                                                     | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 7546 | Ruby    | Feature | Assigned | Change behavior of `Array#slice` for an argument of `Range` class                                              | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 7503 | Ruby    | Feature | Assigned | make timeout.rb async-interrupt safe by default                                                                | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 7444 | Ruby    | Feature | Assigned | Array#product_set                                                                                              | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 7436 | Ruby    | Feature | Assigned | Allow for a "granularity" flag for backtrace_locations                                                         | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 7377 | Ruby    | Feature | Assigned | #indetical? as an alias for #equal?                                                                            | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 7349 | Ruby    | Feature | Assigned | Struct#inspect needs more meaningful output                                                                    | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 7314 | Ruby    | Feature | Assigned | Convert Proc to Lambda doesn't work in MRI                                                                     | matz (Yukihiro Matsumoto) | 05/21/2016 09:15 AM |
| 7149 | Ruby    | Feature | Assigned | Constant magic for everyone.                                                                                   | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 7132 | Ruby    | Feature | Assigned | Alternation between named / ordered method arguments and aliases for method arguments.                         | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 7121 | Ruby    | Feature | Assigned | Extending the use of `require`                                                                                 | matz (Yukihiro 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 (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 6869 | Ruby    | Feature | Assigned | Do not treat `__` parameter exceptionally                                                                      | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 6842 | Ruby    | Feature | Assigned | Add Optional Arguments to String#strip                                                                         | matz (Yukihiro Matsumoto) | 08/24/2016 05:50 AM |
| 6841 | Ruby    | Feature | Assigned | Shorthand for Assigning Return Value of Method to Self                                                         | matz (Yukihiro Matsumoto) | 12/10/2020 08:53 AM |
| 6817 | Ruby    | Feature | Assigned | Partial application                                                                                            | matz (Yukihiro 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 (Yukihiro 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 (Yukihiro Matsumoto) | 12/10/2020 09:22 AM |
| 6802 | Ruby    | Feature | Assigned | String#scan should have equivalent yielding MatchData                                                          | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 6671 | Ruby    | Feature | Assigned | File.split_all and File.split_root                                                                             | matz (Yukihiro 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 (Yukihiro Matsumoto) | 12/17/2024 04:10 PM |
| 6641 | Ruby    | Feature | Assigned | Hash.auto constructor                                                                                          | matz (Yukihiro Matsumoto) | 04/03/2024 03:50 AM |
| 6611 | Ruby    | Feature | Assigned | Comments requested on implementation of set_parse_func                                                         | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 6596 | Ruby    | Feature | Assigned | New method `Array#indexes`                                                                                     | matz (Yukihiro Matsumoto) | 07/29/2020 01:41 AM |
| 6594 | Ruby    | Feature | Assigned | Integrated Functor                                                                                             | matz (Yukihiro Matsumoto) | 03/20/2024 12:21 AM |
| 6452 | Ruby    | Feature | Assigned | Allow extend to override class methods                                                                         | matz (Yukihiro Matsumoto) | 12/10/2020 08:53 AM |
| 6445 | Ruby    | Feature | Assigned | request for default length/position on string index                                                            | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 6376 | Ruby    | Feature | Assigned | Feature lookup and checking if feature is loaded                                                               | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 6354 | Ruby    | Feature | Assigned | Remove escape (break/return/redo/next support) from class/module scope                                         | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 6337 | Ruby    | Feature | Assigned | FileUtils#sync                                                                                                 | matz (Yukihiro Matsumoto) | 03/20/2024 12:38 AM |

| #     | Project | Tracker | Status   | Subject                                                                        | Assignee                         | Updated             |
|-------|---------|---------|----------|--------------------------------------------------------------------------------|----------------------------------|---------------------|
| 6317  | Ruby    | Feature | Assigned | Range#cover?Range                                                              | matz (Yukihiro Matsumoto)        | 03/20/2024 12:46 AM |
| 6309  | Ruby    | Feature | Assigned | Add a reference queue for weak references                                      | matz (Yukihiro Matsumoto)        | 08/23/2020 09:07 PM |
| 6308  | Ruby    | Feature | Assigned | Eliminate delegation from WeakRef                                              | matz (Yukihiro Matsumoto)        | 12/23/2021 11:40 PM |
| 6293  | Ruby    | Feature | Assigned | new queue / blocking queues                                                    | matz (Yukihiro Matsumoto)        | 12/25/2017 06:15 PM |
| 6277  | Ruby    | Feature | Assigned | Hash#convert_key                                                               | matz (Yukihiro Matsumoto)        | 12/25/2017 06:15 PM |
| 5970  | Ruby    | Feature | Assigned | Add Enumerable#join with same semantics as Array#join                          | matz (Yukihiro Matsumoto)        | 12/25/2017 06:15 PM |
| 5945  | Ruby    | Feature | Assigned | Add the ability to mark a at_exit as process-local.                            | matz (Yukihiro Matsumoto)        | 10/10/2018 08:29 AM |
| 5825  | Ruby    | Feature | Assigned | Sweet instance var assignment in the object initializer                        | matz (Yukihiro Matsumoto)        | 10/12/2023 02:41 AM |
| 5781  | Ruby    | Feature | Assigned | Query attributes (attribute methods ending in `?` mark)                        | matz (Yukihiro Matsumoto)        | 01/10/2020 06:34 AM |
| 5749  | Ruby    | Feature | Assigned | new method String#match_all needed                                             | matz (Yukihiro Matsumoto)        | 12/25/2017 06:15 PM |
| 5741  | Ruby    | Feature | Assigned | Secure Erasure of Passwords                                                    | matz (Yukihiro Matsumoto)        | 12/25/2017 06:15 PM |
| 5643  | Ruby    | Feature | Assigned | require/load options and binding option                                        | matz (Yukihiro Matsumoto)        | 12/25/2017 06:15 PM |
| 5582  | Ruby    | Feature | Assigned | Allow clone of singleton methods on a BasicObject                              | matz (Yukihiro Matsumoto)        | 12/25/2017 06:15 PM |
| 5558  | Ruby    | Feature | Assigned | String#% strange arity errors                                                  | matz (Yukihiro Matsumoto)        | 12/25/2017 06:15 PM |
| 5456  | Ruby    | Feature | Assigned | kernel#syscall() should be removed.                                            | matz (Yukihiro Matsumoto)        | 12/10/2020 08:46 AM |
| 5445  | Ruby    | Feature | Assigned | Need RUBYOPT -r before ARGV -r                                                 | matz (Yukihiro Matsumoto)        | 12/25/2017 06:15 PM |
| 5389  | Ruby    | Feature | Assigned | New method Enumerator#iterate                                                  | matz (Yukihiro Matsumoto)        | 12/25/2017 06:15 PM |
| 5129  | Ruby    | Feature | Assigned | Create a core class "FileArray" and make "ARGF" its instance                   | matz (Yukihiro Matsumoto)        | 01/23/2018 02:02 PM |
| 5064  | Ruby    | Feature | Assigned | HTTP user-agent class                                                          | matz (Yukihiro Matsumoto)        | 12/25/2017 06:15 PM |
| 5007  | Ruby    | Feature | Assigned | Proc#call_under: Unifying instance_eval and instance_exec                      | matz (Yukihiro Matsumoto)        | 04/19/2018 07:57 AM |
| 4824  | Ruby    | Feature | Assigned | Provide method Kernel#executed?                                                | matz (Yukihiro Matsumoto)        | 03/05/2018 04:57 AM |
| 4818  | Ruby    | Feature | Assigned | Add method marshalable?                                                        | matz (Yukihiro Matsumoto)        | 12/25/2017 06:15 PM |
| 4592  | Ruby    | Feature | Assigned | Tempfile                                                                       | matz (Yukihiro Matsumoto)        | 12/25/2017 06:14 PM |
| 4521  | Ruby    | Feature | Assigned | NoMethodError#message may take very long to execute                            | matz (Yukihiro Matsumoto)        | 12/25/2017 06:14 PM |
| 4514  | Ruby    | Feature | Assigned | #deep_clone and #deep_dup for Objects                                          | matz (Yukihiro Matsumoto)        | 12/25/2017 06:14 PM |
| 15815 | Ruby    | Feature | Assigned | Add option to raise NoMethodError for OpenStruct                               | marcandre (Marc-Andre Lafortune) | 04/03/2024 03:50 AM |
| 9347  | Ruby    | Feature | Assigned | Accept non callable argument to detect                                         | marcandre (Marc-Andre Lafortune) | 04/03/2024 03:50 AM |
| 21307 | Ruby    | Feature | Assigned | A way to strictly validate time input                                          | mame (Yusuke Endoh)              | 05/09/2025 03:31 AM |
| 17355 | Ruby    | Feature | Assigned | Using same set of names in or-patterns (pattern matching with Foo(x)   Bar(x)) | ktsj (Kazuki Tsujimoto)          | 09/13/2021 09:11 AM |
| 15918 | Ruby    | Feature | Assigned | Pattern matching for Set                                                       | ktsj (Kazuki Tsujimoto)          | 04/03/2024 03:50 AM |
| 15881 | Ruby    | Feature | Assigned | Optimize deconstruct in pattern matching                                       | ktsj (Kazuki Tsujimoto)          | 04/03/2024 03:50 AM |
| 13697 | Ruby    | Feature | Assigned | [PATCH]: futex based thread primitives                                         | kosaki (Motohiro KOSAKI)         | 04/03/2024 03:50 AM |
| 7086  | Ruby    | Feature | Assigned | ConditionVariable#wait has meaningless return value                            | kosaki (Motohiro KOSAKI)         | 12/25/2017 06:15 PM |

| #     | Project | Tracker | Status   | Subject                                                                         | Assignee                 | Updated             |
|-------|---------|---------|----------|---------------------------------------------------------------------------------|--------------------------|---------------------|
| 4464  | Ruby    | Feature | Assigned | [PATCH] add Fcntl::Flock object for easier use of POSIX file locks              | kosaki (Motohiro KOSAKI) | 12/25/2017 06:14 PM |
| 19472 | Ruby    | Feature | Assigned | Ractor::Selector to wait multiple ractors                                       | ko1 (Koichi Sasada)      | 01/06/2025 06:15 AM |
| 19326 | Ruby    | Feature | Assigned | Please add a better API for passing a Proc to a Ractor                          | ko1 (Koichi Sasada)      | 12/19/2023 07:21 AM |
| 18919 | Ruby    | Feature | Assigned | Ractor: can't share #Method objects                                             | ko1 (Koichi Sasada)      | 05/10/2023 12:27 AM |
| 18814 | Ruby    | Feature | Assigned | Ractor: add method to query incoming message queue size                         | ko1 (Koichi Sasada)      | 09/20/2024 10:19 AM |
| 18275 | Ruby    | Feature | Assigned | Add an option to define_method to not capture the surrounding environment       | ko1 (Koichi Sasada)      | 04/03/2024 03:50 AM |
| 17884 | Ruby    | Feature | Assigned | locindex for profiling tools                                                    | ko1 (Koichi Sasada)      | 04/03/2024 03:50 AM |
| 17679 | Ruby    | Feature | Assigned | Ractor incoming channel can consume unlimited resources                         | ko1 (Koichi Sasada)      | 08/24/2023 09:14 PM |
| 17593 | Ruby    | Feature | Assigned | load_iseq_eval should override the ISeq path                                    | ko1 (Koichi Sasada)      | 02/16/2021 08:27 AM |
| 17513 | Ruby    | Feature | Assigned | Methods of shareable objects and UnboundMethods should be shareable             | ko1 (Koichi Sasada)      | 04/03/2024 03:50 AM |
| 17404 | Ruby    | Feature | Assigned | Ractor `move:` API to allow shareability check                                  | ko1 (Koichi Sasada)      | 04/03/2024 03:50 AM |
| 17393 | Ruby    | Feature | Assigned | `Ractor::Moved#inspect`                                                         | ko1 (Koichi Sasada)      | 04/03/2024 03:50 AM |
| 17363 | Ruby    | Feature | Assigned | Timeouts                                                                        | ko1 (Koichi Sasada)      | 05/14/2022 09:06 AM |
| 16027 | Ruby    | Feature | Assigned | Update Ruby's dtrace / USDT API to match what is exposed via the TracePoint API | ko1 (Koichi Sasada)      | 08/03/2019 02:41 AM |
| 15939 | Ruby    | Feature | Assigned | Dump symbols reference to their fstr in ObjectSpace.dump()                      | ko1 (Koichi Sasada)      | 08/08/2019 09:38 PM |
| 15878 | Ruby    | Feature | Assigned | Make exit faster by not running GC                                              | ko1 (Koichi Sasada)      | 07/29/2019 07:48 AM |
| 15854 | Ruby    | Feature | Assigned | Tracing instance variable assignment                                            | ko1 (Koichi Sasada)      | 06/05/2025 09:54 PM |
| 15778 | Ruby    | Feature | Assigned | Expose an API to pry-open the stack frames in Ruby                              | ko1 (Koichi Sasada)      | 04/03/2024 03:50 AM |
| 14859 | Ruby    | Feature | Assigned | [PATCH] implement Timeout in VM                                                 | ko1 (Koichi Sasada)      | 04/03/2024 03:50 AM |
| 14813 | Ruby    | Feature | Assigned | [PATCH] gc.c: make gc_enter+gc_exit pairs dtrace probes, too                    | ko1 (Koichi Sasada)      | 04/03/2024 03:50 AM |
| 14492 | Ruby    | Feature | Assigned | iseq loading + caching should be in core                                        | ko1 (Koichi Sasada)      | 04/03/2024 03:50 AM |
| 14394 | Ruby    | Feature | Assigned | Class.descendants                                                               | ko1 (Koichi Sasada)      | 04/03/2024 03:50 AM |
| 13821 | Ruby    | Feature | Assigned | Allow fibers to be resumed across threads                                       | ko1 (Koichi Sasada)      | 12/28/2023 09:20 PM |
| 13252 | Ruby    | Feature | Assigned | C API for creating strings without copying                                      | ko1 (Koichi Sasada)      | 04/17/2017 07:22 AM |
| 12020 | Ruby    | Feature | Assigned | Documenting Ruby memory model                                                   | ko1 (Koichi Sasada)      | 12/23/2021 11:40 PM |
| 10932 | Ruby    | Feature | Assigned | Enabling allocation tracing as early as possible                                | ko1 (Koichi Sasada)      | 04/03/2024 03:50 AM |
| 10423 | Ruby    | Feature | Assigned | [PATCH] opt_str_lit*: avoid literal string allocations                          | ko1 (Koichi Sasada)      | 04/03/2024 03:50 AM |
| 10238 | Ruby    | Feature | Assigned | todo: remove dependency on malloc_usable_size                                   | ko1 (Koichi Sasada)      | 04/03/2024 03:50 AM |
| 9755  | Ruby    | Feature | Assigned | Thread::Backtrace::Location#defined_class                                       | ko1 (Koichi Sasada)      | 04/18/2014 09:22 AM |
| 8960  | Ruby    | Feature | Assigned | Add Exception#backtrace_locations                                               | ko1 (Koichi Sasada)      | 11/25/2016 02:15 PM |
| 8576  | Ruby    | Feature | Assigned | Add optimized method type for constant value methods                            | ko1 (Koichi Sasada)      | 12/25/2017 06:15 PM |
| 8263  | Ruby    | Feature | Assigned | Support discovering yield state of individual Fibers                            | ko1 (Koichi Sasada)      | 12/23/2021 11:40 PM |
| 6695  | Ruby    | Feature | Assigned | Configuration for Thread/Fiber creation                                         | ko1 (Koichi Sasada)      | 12/25/2017 06:15 PM |

| #     | Project | Tracker | Status   | Subject                                                                    | Assignee                       | Updated             |
|-------|---------|---------|----------|----------------------------------------------------------------------------|--------------------------------|---------------------|
| 6694  | Ruby    | Feature | Assigned | Thread.new without block.                                                  | ko1 (Koichi Sasada)            | 12/25/2017 06:15 PM |
| 3731  | Ruby    | Feature | Assigned | Easier Embedding API for Ruby                                              | ko1 (Koichi Sasada)            | 03/20/2024 12:22 AM |
| 2294  | Ruby    | Feature | Assigned | [PATCH] ruby_bind_stack() to embed Ruby in coroutine                       | ko1 (Koichi Sasada)            | 01/05/2018 09:00 PM |
| 19324 | Ruby    | Feature | Assigned | Enumerator.product => Enumerable#product                                   | knu (Akinori MUSHIA)           | 04/03/2024 03:50 AM |
| 17210 | Ruby    | Feature | Assigned | More readable and useful `Set#inspect`                                     | knu (Akinori MUSHIA)           | 04/03/2024 03:50 AM |
| 16989 | Ruby    | Feature | Assigned | Sets: need ♥️                                                              | knu (Akinori MUSHIA)           | 04/03/2024 03:50 AM |
| 15281 | Ruby    | Feature | Assigned | Speed up Set#intersect with size check.                                    | knu (Akinori MUSHIA)           | 08/11/2020 02:43 AM |
| 15240 | Ruby    | Feature | Assigned | Set operations check for is_a?(Set), rather than allowing duck typing      | knu (Akinori MUSHIA)           | 04/03/2024 03:50 AM |
| 13610 | Ruby    | Feature | Assigned | IPAddr doesn't provide helpful methods to get the subnet or IP address     | knu (Akinori MUSHIA)           | 10/20/2017 01:13 AM |
| 11710 | Ruby    | Feature | Assigned | [PATCH] Replace Set#merge with Set#merge! and make Set#merge non-mutating. | knu (Akinori MUSHIA)           | 04/03/2024 03:50 AM |
| 11527 | Ruby    | Feature | Assigned | IPAddr#mask_addr isn't a method                                            | knu (Akinori MUSHIA)           | 11/07/2018 04:12 PM |
| 8047  | Ruby    | Feature | Assigned | IPAddr makes host address with netmask                                     | knu (Akinori MUSHIA)           | 01/05/2018 09:00 PM |
| 3953  | Ruby    | Feature | Assigned | TCPSocket / UDPSocket do not accept IPAddr objects.                        | knu (Akinori MUSHIA)           | 12/25/2017 06:14 PM |
| 21359 | Ruby    | Feature | Assigned | Introduce `Exception#cause=` for Post-Initialization Assignment            | ioquatix (Samuel Williams)     | 06/05/2025 09:25 AM |
| 21042 | Ruby    | Feature | Assigned | Add and expose Thread#memory_allocations memory allocation counters        | ioquatix (Samuel Williams)     | 05/08/2025 09:07 AM |
| 19077 | Ruby    | Feature | Assigned | Introduce `Hash#dup` copy on write.                                        | ioquatix (Samuel Williams)     | 04/03/2024 03:50 AM |
| 18227 | Ruby    | Feature | Assigned | Static class initialization.                                               | ioquatix (Samuel Williams)     | 04/03/2024 03:50 AM |
| 16833 | Ruby    | Feature | Assigned | Add Enumerable#empty?                                                      | ioquatix (Samuel Williams)     | 04/03/2024 03:50 AM |
| 21442 | Ruby    | Feature | Assigned | Make tsort to bundled gems                                                 | hsbt (Hiroshi SHIBATA)         | 07/10/2025 08:15 AM |
| 21277 | Ruby    | Feature | Assigned | Windows ARM support                                                        | hsbt (Hiroshi SHIBATA)         | 05/12/2025 11:16 PM |
| 19972 | Ruby    | Feature | Assigned | Install default/bundled gems into dedicated directories                    | hsbt (Hiroshi SHIBATA)         | 11/24/2023 09:46 PM |
| 19422 | Ruby    | Feature | Assigned | Make `--enabled-shared` mandatory on macOS                                 | hsbt (Hiroshi SHIBATA)         | 02/22/2024 08:33 AM |
| 17684 | Ruby    | Feature | Assigned | Remove `--disable-gems` from release version of Ruby                       | hsbt (Hiroshi SHIBATA)         | 03/10/2023 11:57 AM |
| 16657 | Ruby    | Feature | Assigned | Don't ship bundled gems as .gem files as well as in expanded form          | hsbt (Hiroshi SHIBATA)         | 07/05/2023 09:21 AM |
| 14737 | Ruby    | Feature | Assigned | Split default gems into separate directory structure                       | hsbt (Hiroshi SHIBATA)         | 09/02/2020 06:00 PM |
| 13847 | Ruby    | Feature | Assigned | Gem activated problem for default gems                                     | hsbt (Hiroshi SHIBATA)         | 11/29/2022 02:05 AM |
| 13508 | Ruby    | Feature | Assigned | How remove/refactor code related mathn library.                            | hsbt (Hiroshi SHIBATA)         | 12/25/2017 06:15 PM |
| 12639 | Ruby    | Feature | Assigned | Speed up require in RubyGems by 5x                                         | hsbt (Hiroshi SHIBATA)         | 07/26/2018 02:12 AM |
| 5617  | Ruby    | Feature | Assigned | Allow install RubyGems into dedicated directory                            | hsbt (Hiroshi SHIBATA)         | 05/16/2018 09:15 AM |
| 13696 | Ruby    | Feature | Assigned | Add exchange and noreplace options to File.rename                          | Glass_saga (Masaki Matsushita) | 04/03/2024 03:50 AM |
| 7148  | Ruby    | Feature | Assigned | Improved Tempfile w/o DelegateClass                                        | Glass_saga (Masaki Matsushita) | 03/27/2019 09:51 AM |
| 2631  | Ruby    | Feature | Assigned | Allow IO#reopen to take a block                                            | Glass_saga (Masaki Matsushita) | 05/24/2018 01:22 PM |
| 8948  | Ruby    | Feature | Assigned | Frozen regex                                                               | Eregon (Benoit Daloze)         | 03/10/2023 12:53 PM |

| #     | Project | Tracker | Status   | Subject                                                                                     | Assignee                       | Updated             |
|-------|---------|---------|----------|---------------------------------------------------------------------------------------------|--------------------------------|---------------------|
| 21275 | Ruby    | Feature | Assigned | Update to Unicode 17.0                                                                      | duerst (Martin Dürst)          | 05/12/2025 11:16 PM |
| 19317 | Ruby    | Feature | Assigned | Unicode ICU Full case mapping                                                               | duerst (Martin Dürst)          | 01/08/2023 01:54 PM |
| 20261 | Ruby    | Feature | Assigned | Add symbol synonyms for " and nil for IO method line separator arguments                    | burdettelamar (Burdette Lamar) | 04/03/2024 03:50 AM |
| 18450 | Ruby    | Feature | Assigned | Force break in prettyprint                                                                  | akr (Akira Tanaka)             | 12/29/2021 02:02 PM |
| 17173 | Ruby    | Feature | Assigned | open-uri  cipher  cipher                                                                    | akr (Akira Tanaka)             | 04/03/2024 03:50 AM |
| 16985 | Ruby    | Feature | Assigned | Improve `pp` for `Hash` and `String`                                                        | akr (Akira Tanaka)             | 04/03/2024 03:50 AM |
| 16937 | Ruby    | Feature | Assigned | Add DNS over HTTP to Resolv                                                                 | akr (Akira Tanaka)             | 12/10/2020 09:15 AM |
| 13385 | Ruby    | Feature | Assigned | [PATCH] Make Resolv::DNS::Name validation similar to host and dig commands                  | akr (Akira Tanaka)             | 04/03/2024 03:50 AM |
| 13047 | Ruby    | Feature | Assigned | Use String literal instead of `String#+` for multiline pretty-printing of multiline strings | akr (Akira Tanaka)             | 02/22/2017 07:09 AM |
| 12497 | Ruby    | Feature | Assigned | GMP version of divmod may be slower                                                         | akr (Akira Tanaka)             | 08/10/2016 03:11 AM |
| 11312 | Ruby    | Feature | Assigned | Add Resolv::DNS::Resource::IN::SPF                                                          | akr (Akira Tanaka)             | 04/03/2024 03:50 AM |
| 10637 | Ruby    | Feature | Assigned | Puppet orchestration on vagrant fails with Error: Non-HTTP proxy URI                        | akr (Akira Tanaka)             | 09/23/2020 10:23 PM |
| 10129 | Ruby    | Feature | Assigned | More descriptive error message for failed net/http requests                                 | akr (Akira Tanaka)             | 01/05/2018 09:01 PM |
| 7412  | Ruby    | Feature | Assigned | Pathname#relative_path_from does not support mixed directory separators on windows          | akr (Akira Tanaka)             | 01/05/2018 09:00 PM |
| 7362  | Ruby    | Feature | Assigned | Adding Pathname#start_with?                                                                 | akr (Akira Tanaka)             | 12/25/2017 06:15 PM |
| 3608  | Ruby    | Feature | Assigned | Enhancing Pathname#each_child to be lazy                                                    | akr (Akira Tanaka)             | 12/25/2017 06:14 PM |
| 19325 | Ruby    | Feature | Assigned | YJIT: Windows support lacking.                                                              | jit                            | 08/03/2023 02:27 PM |
| 18439 | Ruby    | Feature | Assigned | YJIT: Support Microsoft x86 calling convention                                              | jit                            | 12/20/2024 03:42 PM |
| 20959 | Ruby    | Feature | Assigned | Add a way to get codepage of console.                                                       | windows                        | 03/27/2025 01:15 AM |
| 12656 | Ruby    | Feature | Assigned | Expand short paths with File.expand_path                                                    | windows                        | 01/31/2018 02:31 PM |
| 8083  | Ruby    | Feature | Assigned | Exit status is limited to one-byte values which is invalid for Windows                      | windows                        | 03/14/2013 08:26 PM |
| 1644  | Ruby    | Feature | Assigned | recv on inherited socket wrapped in TCPSocket does not read data, on Windows                | windows                        | 12/10/2020 08:45 AM |
| 10560 | Ruby    | Misc    | Assigned | confusion between x=x+y, x+=y, x.concat(y) and y.each{ z  x<<z}                             | zzak (zzak _)                  | 01/05/2018 09:02 PM |
| 10513 | Ruby    | Misc    | Assigned | instance_eval yields the receiver, but is documented to yield no arguments                  | zzak (zzak _)                  | 04/03/2024 03:50 AM |
| 9136  | Ruby    | Misc    | Assigned | Deprecated Enumerator.new(object, method) bad for BasicObject                               | zzak (zzak _)                  | 11/23/2013 03:58 AM |
| 13622 | Ruby    | Misc    | Assigned | Documentation missing                                                                       | stomar (Marcus Stollsteimer)   | 06/03/2017 07:27 AM |
| 17376 | Ruby    | Misc    | Assigned | Reduce number of GitHub Actions                                                             | shyouhei (Shyouhei Urabe)      | 12/10/2020 11:50 AM |
| 16805 | Ruby    | Misc    | Assigned | Coroutine's license is unclear                                                              | ReiOdaira (Rei Odaira)         | 07/01/2021 10:09 PM |
| 19758 | Ruby    | Misc    | Assigned | Statically link ext/json                                                                    | nobu (Nobuyoshi Nakada)        | 04/03/2024 03:50 AM |
| 17662 | Ruby    | Misc    | Assigned | The heredoc pattern used in tests does not syntax highlight correctly in many editors       | nobu (Nobuyoshi Nakada)        | 06/30/2021 12:54 PM |
| 16747 | Ruby    | Misc    | Assigned | Repository reorganization request                                                           | nobu (Nobuyoshi Nakada)        | 05/22/2020 01:30 PM |
| 16025 | Ruby    | Misc    | Assigned | 'st_check_for_sizeof_st_index_t' declared as array with a negative size (emscripten)        | nobu (Nobuyoshi Nakada)        | 07/30/2019 11:20 AM |
| 15806 | Ruby    | Misc    | Assigned | Explicitly initialise encodings on init to remove branches on encoding lookup               | nobu (Nobuyoshi Nakada)        | 08/29/2019 04:29 AM |

| #     | Project | Tracker | Status   | Subject                                                                                       | Assignee                         | Updated             |
|-------|---------|---------|----------|-----------------------------------------------------------------------------------------------|----------------------------------|---------------------|
| 14692 | Ruby    | Misc    | Assigned | Question: Ruby stdlib's Option Parser                                                         | nobu (Nobuyoshi Nakada)          | 04/03/2024 03:50 AM |
| 18371 | Ruby    | Misc    | Assigned | Release branches (release information in general)                                             | naruse (Yui NARUSE)              | 03/23/2022 10:32 PM |
| 15007 | Ruby    | Misc    | Assigned | Let all Init_XXX and extension APIs frequently called from init code paths be considered cold | naruse (Yui NARUSE)              | 04/03/2024 03:50 AM |
| 19304 | Ruby    | Misc    | Assigned | Kernel vs Object documentation                                                                | matz (Yukihiro Matsumoto)        | 04/03/2024 03:50 AM |
| 16630 | Ruby    | Misc    | Assigned | Deprecate pub/ruby/*snapshot* and use pub/ruby/snapshot/* instead                             | matz (Yukihiro Matsumoto)        | 02/27/2020 09:52 AM |
| 14760 | Ruby    | Misc    | Assigned | cross-thread IO#close semantics                                                               | matz (Yukihiro Matsumoto)        | 04/03/2024 03:50 AM |
| 10541 | Ruby    | Misc    | Assigned | Remove shorthand string interpolation syntax                                                  | matz (Yukihiro Matsumoto)        | 04/03/2024 03:50 AM |
| 17502 | Ruby    | Misc    | Assigned | C vs Ruby                                                                                     | ko1 (Koichi Sasada)              | 04/03/2024 03:50 AM |
| 15802 | Ruby    | Misc    | Assigned | Reduce the minimum string buffer size from 127 to 63 bytes                                    | ko1 (Koichi Sasada)              | 04/03/2024 03:50 AM |
| 20387 | Ruby    | Misc    | Assigned | Meta-ticket for ASAN support                                                                  | kjtsanaktisid (KJ Tsanaktisidis) | 06/02/2024 12:56 AM |
| 18761 | Ruby    | Misc    | Assigned | provide an example wasm project                                                               | katei (Yuta Saito)               | 04/03/2024 03:50 AM |
| 16188 | Ruby    | Misc    | Assigned | What are the performance implications of the new keyword arguments in 2.7 and 3.0?            | jeremyevans0 (Jeremy Evans)      | 04/03/2024 03:50 AM |
| 17720 | Ruby    | Misc    | Assigned | Cirrus CI to check non-x86_64 architecture cases by own machines                              | jaruga (Jun Aruga)               | 09/26/2021 10:24 AM |
| 19122 | Ruby    | Misc    | Assigned | Use MADV_DONTNEED instead of MADV_FREE when freeing a Fiber's stack                           | ioquatix (Samuel Williams)       | 03/04/2025 09:10 PM |
| 17137 | Ruby    | Misc    | Assigned | Cooperation on maintaining official docker ruby images                                        | hsbt (Hiroshi SHIBATA)           | 04/03/2023 09:01 AM |
| 16512 | Ruby    | Misc    | Assigned | Improving `www.ruby-lang.org` reference by merging with `rubyreferences.github.io`            | hsbt (Hiroshi SHIBATA)           | 05/13/2023 12:59 AM |
| 15487 | Ruby    | Misc    | Assigned | Clarify default gems maintainance policy                                                      | hsbt (Hiroshi SHIBATA)           | 12/30/2018 08:42 PM |
| 14917 | Ruby    | Misc    | Assigned | Add RDoc documents to tar ball                                                                | aycabta (aycabta .)              | 07/21/2018 09:29 AM |
| 17154 | Ruby    | Misc    | Assigned | Update Pathname Documentation to Clarify Expected Behavior                                    | akr (Akira Tanaka)               | 04/03/2024 03:50 AM |
| 20238 | Ruby    | Misc    | Assigned | Use prism for mk_builtin_loader.rb                                                            | prism                            | 11/13/2024 05:16 AM |
| 21538 | Ruby    | Bug     | Open     | initialize_dup not called when duping class/module                                            |                                  | 08/11/2025 01:26 PM |
| 21535 | Ruby    | Bug     | Open     | `NoMethodError` becomes `NameError` when using `...` delegation and method call indirection   |                                  | 08/10/2025 07:46 AM |
| 21516 | Ruby    | Bug     | Open     | Segfault in String#succ! on 32-bit i686                                                       |                                  | 07/17/2025 02:54 PM |
| 21495 | Ruby    | Bug     | Open     | IO.read_nonblock does not work under a rescue IO::TimeoutError                                |                                  | 07/01/2025 07:22 AM |
| 21446 | Ruby    | Bug     | Open     | StackOverflow when changing visibility in reopened refinement                                 |                                  | 06/20/2025 12:17 AM |
| 21396 | Ruby    | Bug     | Open     | Set#initialize should call Set#add on items passed in                                         |                                  | 07/09/2025 08:12 AM |
| 21391 | Ruby    | Bug     | Open     | Inconsistent trailing slash behavior of File.join and Pathname#join with empty strings        |                                  | 06/05/2025 10:13 AM |
| 21376 | Ruby    | Bug     | Open     | Inconsistent equality between Sets with different compare_by_identity, different classes      |                                  | 06/05/2025 01:31 PM |
| 21375 | Ruby    | Bug     | Open     | Set[] does not call #initialize                                                               |                                  | 07/08/2025 03:10 PM |
| 21374 | Ruby    | Bug     | Open     | FrozenError message is inconsistent when a singleton method is defined on a frozen object     |                                  | 06/05/2025 08:43 AM |
| 21364 | Ruby    | Bug     | Open     | Constant lookup in namespaces should be consistent                                            |                                  | 05/22/2025 11:23 PM |
| 21363 | Ruby    | Bug     | Open     | `Namespace.current` should always return the Namespace in which it was defined                |                                  | 06/03/2025 05:45 AM |

| #     | Project | Tracker | Status | Subject                                                                                   | Assignee | Updated             |
|-------|---------|---------|--------|-------------------------------------------------------------------------------------------|----------|---------------------|
| 21348 | Ruby    | Bug     | Open   | Should Tracepoint track retry as another "call" event?                                    |          | 05/22/2025 07:52 AM |
| 21343 | Ruby    | Bug     | Open   | Namespace: singleton classes of root namespace leak between namespaces                    |          | 06/03/2025 05:46 AM |
| 21342 | Ruby    | Bug     | Open   | Segfault: invalid keeping_mutexes when using Mutex in Thread then Fiber after GC          |          | 08/18/2025 06:06 PM |
| 21341 | Ruby    | Bug     | Open   | `Namespace is not a module (TypeError)` without enabling the namespace                    |          | 06/03/2025 05:46 AM |
| 21324 | Ruby    | Bug     | Open   | Namespace loads RubyGems in root Namespace but it should not                              |          | 06/03/2025 05:47 AM |
| 21322 | Ruby    | Bug     | Open   | Namespaces and builtin classes as arguments and return values                             |          | 06/03/2025 05:47 AM |
| 21320 | Ruby    | Bug     | Open   | Namespaces leak with constant lookup                                                      |          | 06/03/2025 05:48 AM |
| 21318 | Ruby    | Bug     | Open   | Namespaces leak with Module.nesting                                                       |          | 06/03/2025 05:48 AM |
| 21316 | Ruby    | Bug     | Open   | Namespaces leak with permanent names                                                      |          | 06/05/2025 04:32 AM |
| 21314 | Ruby    | Bug     | Open   | Kernel#autoload requires the wrong file (?)                                               |          | 05/09/2025 03:52 AM |
| 21301 | Ruby    | Bug     | Open   | Invalid Dates Accepted When Using "UTC" in Time.new                                       |          | 05/04/2025 02:05 AM |
| 21295 | Ruby    | Bug     | Open   | macos-13 debug build failures                                                             |          | 04/30/2025 07:25 PM |
| 21294 | Ruby    | Bug     | Open   | URI.extract is extracting invalid URIs with a mishmash of IPv6 notation with IPv4 address |          | 04/30/2025 07:58 AM |
| 21293 | Ruby    | Bug     | Open   | C23/GCC 15 build breakage with rb_define_method() and friends                             |          | 05/01/2025 06:42 AM |
| 21291 | Ruby    | Bug     | Open   | possible bug with /m regexp and \$ based on input                                         |          | 04/29/2025 12:56 AM |
| 21272 | Ruby    | Bug     | Open   | Class.new doesn't trigger :class TracePoint                                               |          | 04/26/2025 06:25 PM |
| 21271 | Ruby    | Bug     | Open   | Ruby build failure due to invalid probe specifier for dtrace                              |          | 04/27/2025 01:35 PM |
| 21265 | Ruby    | Bug     | Open   | Crash when proc from Symbol#to_proc called outside refinement scope                       |          | 04/11/2025 09:39 AM |
| 21169 | Ruby    | Bug     | Open   | "try to mark T_NONE object" with 3.3.7                                                    |          | 03/06/2025 08:20 AM |
| 21142 | Ruby    | Bug     | Open   | Lazy enumerator `.each_with_index` ignores `.take(0)` before it                           |          | 03/14/2025 08:07 AM |
| 21119 | Ruby    | Bug     | Open   | Programs containing `Dir.glob` with a thread executing a CPU-heavy task run very slowly.  |          | 02/13/2025 09:29 AM |
| 21104 | Ruby    | Bug     | Open   | Net::HTTP connections failing in Ruby >= 3.4.0 on macOS with Happy Eyeballs enabled       |          | 05/05/2025 08:24 AM |
| 21023 | Ruby    | Bug     | Open   | Unintentional ruby/spec capi extension build twice                                        |          | 01/10/2025 11:13 AM |
| 20958 | Ruby    | Bug     | Open   | fix ENV.keys encoding on windows                                                          |          | 01/07/2025 07:19 AM |
| 20957 | Ruby    | Bug     | Open   | RangeError on Array#values_at with negative ranges                                        |          | 05/08/2025 05:13 PM |
| 20943 | Ruby    | Bug     | Open   | Constant defined in `Data.define` block                                                   |          | 12/30/2024 10:35 AM |
| 20929 | Ruby    | Bug     | Open   | TestTime have an assertion different from current implementation.                         |          | 01/07/2025 07:16 AM |
| 20919 | Ruby    | Bug     | Open   | IO#seek and IO#pos= do not clear the character buffer in some cases while transcoding     |          | 04/14/2025 06:42 PM |
| 20917 | Ruby    | Bug     | Open   | redo/next in nested begin block causes wrong order of execution                           |          | 12/02/2024 07:44 PM |
| 20904 | Ruby    | Bug     | Open   | 3.4.0-preview2: Building miniruby.exe fails for mswin32                                   |          | 12/11/2024 01:58 AM |
| 20889 | Ruby    | Bug     | Open   | IO#ungetc and IO#ungetbyte should not cause IO#pos to report an inaccurate position       |          | 11/12/2024 02:32 PM |
| 20874 | Ruby    | Bug     | Open   | Difference in documentation for `irb -U` between `man irb` and `irb --help`               |          | 11/06/2024 05:45 AM |
| 20872 | Ruby    | Bug     | Open   | Undefined RUBY_API_VERSION_* macros used in <ruby/backward/cxxanyargs.hpp>                |          | 11/06/2024 11:57 AM |

| #     | Project | Tracker | Status | Subject                                                                                                                    | Assignee | Updated             |
|-------|---------|---------|--------|----------------------------------------------------------------------------------------------------------------------------|----------|---------------------|
| 20819 | Ruby    | Bug     | Open   | IO#readline does not process newlines correctly for wide character encodings                                               |          | 10/29/2024 01:44 AM |
| 20813 | Ruby    | Bug     | Open   | Segfault in rgengc_check_relation/RVALUE_WB_UNPROTECTED                                                                    |          | 11/22/2024 09:49 PM |
| 20809 | Ruby    | Bug     | Open   | Ripper fails to parse/tokenize nested heredocs within embexpr                                                              |          | 10/22/2024 10:57 AM |
| 20807 | Ruby    | Bug     | Open   | String#gsub fails when called from string subclass with a block passed                                                     |          | 10/23/2024 03:03 AM |
| 20790 | Ruby    | Bug     | Open   | Syntax acceptance of `*x = p rescue p 1` is different between parse.y and prism                                            |          | 11/25/2024 10:58 AM |
| 20780 | Ruby    | Bug     | Open   | related to #20779 -- crash creating large number of concurrent-ruby promises                                               |          | 10/02/2024 11:53 PM |
| 20772 | Ruby    | Bug     | Open   | Test with -O3 is flaky                                                                                                     |          | 09/30/2024 07:49 AM |
| 20733 | Ruby    | Bug     | Open   | Build failure OpenSSL extension with FreeBSD 13.3                                                                          |          | 10/08/2024 08:37 AM |
| 20699 | Ruby    | Bug     | Open   | On Windows, the `__dir__` keyword is garbled in paths containing Japanese characters, and `require_relative` fails as well |          | 01/07/2025 07:15 AM |
| 20697 | Ruby    | Bug     | Open   | `Rational("1r")` fails while `Complex("1i")` succeeds                                                                      |          | 08/24/2024 01:31 AM |
| 20696 | Ruby    | Bug     | Open   | `IO.read` ignores `err:` option                                                                                            |          | 08/23/2024 11:41 PM |
| 20689 | Ruby    | Bug     | Open   | TestInvokeVerb#test_invokeverb has warnings on Windows                                                                     |          | 01/07/2025 07:14 AM |
| 20666 | Ruby    | Bug     | Open   | Segmentation fault instead of LoadError exception                                                                          |          | 08/11/2024 09:58 AM |
| 20642 | Ruby    | Bug     | Open   | YJIT prevents hardening                                                                                                    |          | 07/19/2024 10:27 PM |
| 20591 | Ruby    | Bug     | Open   | macOS head - all are using OpenSSL 1.1.1?                                                                                  |          | 06/22/2024 12:01 AM |
| 20526 | Ruby    | Bug     | Open   | File.open(encoding: "bom utf-8") converts "\r\n" to "\n" on Windows                                                        |          | 01/07/2025 07:14 AM |
| 20480 | Ruby    | Bug     | Open   | Complie failure for unable to configure NET_LUID using msys2 mingw64-gcc                                                   |          | 01/10/2025 03:52 AM |
| 20471 | Ruby    | Bug     | Open   | Problem creating a file on a windows share and copy it afterwards                                                          |          | 05/15/2024 12:06 PM |
| 20466 | Ruby    | Bug     | Open   | Interpolated regular expressions have different encoding than interpolated strings                                         |          | 05/02/2024 06:13 PM |
| 20465 | Ruby    | Bug     | Open   | parse.y adds an extra empty string to the AST                                                                              |          | 05/07/2024 04:03 AM |
| 20464 | Ruby    | Bug     | Open   | Redundant returns are unreachable in coverage                                                                              |          | 05/03/2024 03:50 PM |

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