

## Issues

| #     | Project     | Tracker | Status   | Subject  | Assignee                  | Updated             |
|-------|-------------|---------|----------|--|---------------------------|---------------------|
| 7964  | Ruby master | Bug     | Assigned | Writing an ASCII-8BIT String to a StringIO created from a UTF-8 String   | nobu (Nobuyoshi Nakada)   | 01/05/2018 09:00 PM |
| 15247 | Ruby master | Bug     | Open     | Windows - TEMP folder, non 8.3 & drive, fails & errors in test-all (ruby & rdoc)   |                           | 10/23/2018 05:02 PM |
| 13644 | Ruby master | Bug     | Open     | Windows - Setting Time.now   |                           | 06/11/2017 03:43 AM |
| 18359 | Ruby master | Bug     | Open     | [Windows MinGW] warning Please include winsock2.h before windows.h   |                           | 11/23/2021 05:07 PM |
| 15550 | Ruby master | Bug     | Assigned | Windows - gem bin files - can't run from bash shell  | hsbt (Hiroshi SHIBATA)    | 03/20/2019 01:05 AM |
| 16953 | Ruby master | Bug     | Feedback | Windows bash bin files removed in master   |                           | 10/15/2021 01:57 AM |
| 11410 | Ruby master | Bug     | Feedback | Win32 Registry enumeration performs unnecessary string re-encoding which cause UndefinedConversionError exceptions             |                           | 08/13/2015 06:57 AM |
| 12040 | Ruby master | Bug     | Assigned | [Win32] File.stat fails on a mounted volume  | cruby-windows             | 02/01/2016 08:13 AM |
| 14640 | Ruby master | Bug     | Open     | [win32] File.realpath treats a relative path with a drive letter as an absolute path.  | cruby-windows             | 12/10/2018 07:09 AM |
| 9208  | Ruby master | Bug     | Assigned | Win32 ANSI color no longer works since revision 43331  | nobu (Nobuyoshi Nakada)   | 12/30/2019 03:00 AM |
| 15764 | Ruby master | Bug     | Open     | Whitespace and control characters should not be permitted in tokens  | matz (Yukihiro Matsumoto) | 04/22/2019 07:48 AM |
| 17617 | Ruby master | Bug     | Open     | When a Ractor's incoming port is closed, Ractor.receive_if does not raise Ractor::ClosedError, but instead blocks indefinitely | ko1 (Koichi Sasada)       | 09/14/2021 01:40 AM |
| 18247 | Ruby master | Bug     | Open     | weird results for `Array#slice` or `Array#[]` with argument of type `Enumerator::ArithmeticSequence`                           |                           | 10/08/2021 03:56 PM |
| 16959 | Ruby master | Bug     | Open     | Weakmap has specs and third-party usage despite being a private API  |                           | 06/13/2020 08:54 PM |
| 7840  | Ruby master | Bug     | Open     | -Wdeclaration-after-statement is valid for C/ObjC but not for C++  | nobu (Nobuyoshi Nakada)   | 06/02/2020 04:41 PM |
| 17132 | Ruby master | Bug     | Feedback | vcs.rb doesn't detect git submodules as vcs  |                           | 08/31/2020 11:31 AM |
| 12852 | Ruby master | Bug     | Open     | URI.parse can't handle non-ascii URIs  | akira (akira yamada)      | 12/12/2016 06:39 PM |
| 12235 | Ruby master | Bug     | Open     | URI.encode issue with square brackets  |                           | 07/20/2021 08:47 AM |
| 9806  | Ruby master | Bug     | Open     | URI#encode doesn't encode characters '[' and ']'. They should be encoded as %5B and %5D respectively.                          |                           | 12/30/2019 03:00 AM |
| 17420 | Ruby master | Bug     | Open     | Unsafe mutation of \$" when doing non-RubyGems require in Ractor   | ko1 (Koichi Sasada)       | 01/07/2021 01:23 PM |
| 16277 | Ruby master | Bug     | Open     | UNIXServer#listen fails with Errno::EADDRINUSE error under Windows 10 / WSL Ubuntu 18.04                                       |                           | 10/25/2019 03:39 PM |
| 18286 | Ruby master | Bug     | Open     | Universal arm64/x86_64 binary built on an x86_64 machine segfaults/is killed on arm64  |                           | 11/10/2021 06:08 PM |
| 18013 | Ruby master | Bug     | Open     | Unexpected results when mixing negated character classes and case-folding  |                           | 06/29/2021 12:05 PM |
| 18244 | Ruby master | Bug     | Feedback | Unexpected errors output order   |                           | 10/08/2021 10:48 AM |
| 14582 | Ruby master | Bug     | Open     | Unable to use `method__entry` and `method__return` tracing probes since 2.5  |                           | 06/18/2021 06:08 PM |

| #     | Project     | Tracker | Status   | Subject   | Assignee                  | Updated             |
|-------|-------------|---------|----------|---|---------------------------|---------------------|
| 12725 | Ruby master | Bug     | Assigned | Trying to use ./miniruby before it exists   | nobu (Nobuyoshi Nakada)   | 04/28/2017 01:45 PM |
| 6351  | Ruby master | Bug     | Assigned | transcode table generator does not support multi characters of Unicode                                      | duerst (Martin Dürst)     | 12/25/2017 06:15 PM |
| 14817 | Ruby master | Bug     | Assigned | TracePoint#parameters for bmethod's return event should return the same value as its Method#parameters      | ko1 (Koichi Sasada)       | 06/18/2021 09:14 PM |
| 16889 | Ruby master | Bug     | Open     | TracePoint.enable { ... } also activates the TracePoint for other threads, even outside the block           | ko1 (Koichi Sasada)       | 08/20/2021 09:48 PM |
| 7976  | Ruby master | Bug     | Assigned | TracePoint call is at call point, not call site   | ko1 (Koichi Sasada)       | 01/05/2018 09:00 PM |
| 18269 | Ruby master | Bug     | Open     | trace_opt_not and trace_opt_regexpmatch2 insns are indistinguishable  |                           | 11/12/2021 07:44 AM |
| 18132 | Ruby master | Bug     | Open     | TODO: fix ccan/list thread safety   |                           | 08/25/2021 07:19 AM |
| 17289 | Ruby master | Bug     | Assigned | Time#strftime occurs Segmentation Fault on ruby-2.7.2p137   | shyouhei (Shyouhei Urabe) | 11/05/2020 07:57 AM |
| 18144 | Ruby master | Bug     | Open     | Timeout not working while regular expression match is running   |                           | 09/02/2021 07:08 AM |
| 15644 | Ruby master | Bug     | Assigned | ThreadsWait problems with Thread#report_on_exception  | keiju (Keiju Ishitsuka)   | 10/17/2019 06:49 PM |
| 11174 | Ruby master | Bug     | Open     | threads memory leak   | ko1 (Koichi Sasada)       | 06/17/2019 03:17 PM |
| 15438 | Ruby master | Bug     | Open     | Threads can't switch faster than TIME_QUANTUM_(NSEC USEC MSEC)  |                           | 03/25/2019 08:53 PM |
| 12689 | Ruby master | Bug     | Open     | Thread isolation of \$~ and \$_   |                           | 04/01/2021 08:51 PM |
| 17568 | Ruby master | Bug     | Feedback | Thread.handle_interrupt is per-Thread but should probably be per-Fiber                                      |                           | 09/16/2021 04:28 PM |
| 8185  | Ruby master | Bug     | Open     | Thread/fork issue   |                           | 12/30/2019 03:00 AM |
| 15072 | Ruby master | Bug     | Open     | thread.c:4356:5: error: implicit declaration of function 'ubf_list_atfork'                                  | normalperson (Eric Wong)  | 09/20/2018 03:32 AM |
| 18249 | Ruby master | Bug     | Open     | The ABI version of dev builds of CRuby does not correspond to the ABI                                       |                           | 10/11/2021 05:59 PM |
| 16920 | Ruby master | Bug     | Open     | TestThread#test_signal_at_join fails on aarch64   |                           | 05/29/2020 04:54 PM |
| 14761 | Ruby master | Bug     | Open     | TestThread#test_join_limits hangs up on Solaris 10 with gcc   |                           | 05/16/2018 05:23 AM |
| 16493 | Ruby master | Bug     | Open     | TestThreadQueue#test_thr_kill is flaky on AArch64   |                           | 01/09/2020 09:39 AM |
| 16265 | Ruby master | Bug     | Open     | Test (spec) failure using current MSYS2 tools, related to -fstack-protector and possibly D_FORTIFY_SOURCE=2 |                           | 12/03/2019 03:09 PM |
| 18073 | Ruby master | Bug     | Open     | test/ruby/test_jit.rb: "error: invalid use of '___builtin_va_arg_pack ()'" on Ruby 2.7.4 on gcc 4.8.5       |                           | 08/12/2021 06:16 PM |
| 13269 | Ruby master | Bug     | Assigned | test/readline/test_readline.rb and mingw  | nobu (Nobuyoshi Nakada)   | 03/13/2017 08:56 AM |
| 14727 | Ruby master | Bug     | Assigned | TestQueue#test_queue_with_trap always timeout on Windows10  | ko1 (Koichi Sasada)       | 05/01/2018 02:59 AM |
| 4173  | Ruby master | Bug     | Open     | TestProcess#test_wait_and_sigchild              |                           | 03/15/2018 08:29 AM |
| 10580 | Ruby master | Bug     | Open     | TestProcess#test_deadlock_by_signal_at_forking fails on ARM   | akr (Akira Tanaka)        | 12/30/2019 03:00 AM |
| 12500 | Ruby master | Bug     | Open     | TestProcess#test_aspawn_too_long_path fails on mips with "argument too big"                                 |                           | 12/29/2019 10:38 AM |
| 17999 | Ruby master | Bug     | Open     | TestMethod#test_zsuper intermittent timeout error on raspbian10-aarch64 CI                                  |                           | 06/18/2021 01:33 AM |

| #     | Project     | Tracker | Status   | Subject  | Assignee                 | Updated             |
|-------|-------------|---------|----------|--|--------------------------|---------------------|
| 12445 | Ruby master | Bug     | Assigned | Testing TestIO#test_open_fifo_does_not_block_other_threads results in deadlock on cygwin   | nobu (Nobuyoshi Nakada)  | 04/28/2017 01:45 PM |
| 14090 | Ruby master | Bug     | Open     | `TestGc#test_interrupt_in_finalizer` fails very rarely   | kosaki (Motohiro KOSAKI) | 04/27/2021 07:23 PM |
| 12473 | Ruby master | Bug     | Assigned | Test failure on fedora with TestTimeExtension#test_huge_precision  | nobu (Nobuyoshi Nakada)  | 04/28/2017 01:45 PM |
| 16492 | Ruby master | Bug     | Open     | TestBugReporter#test_bug_reporter_add test failures  | jaruga (Jun Aruga)       | 08/24/2021 01:12 PM |
| 12442 | Ruby master | Bug     | Assigned | TestArgf#test_textmode fails on cygwin   | nobu (Nobuyoshi Nakada)  | 04/28/2017 01:45 PM |
| 14064 | Ruby master | Bug     | Open     | test-all with and without -j - incorrect assertions and missing test methods   |                          | 11/03/2017 10:54 PM |
| 17680 | Ruby master | Bug     | Open     | tab completion no longer works on irb3.0   |                          | 03/13/2021 08:06 AM |
| 14681 | Ruby master | Bug     | Open     | `syswrite`: stream closed in another thread (IOError)  |                          | 04/22/2018 12:12 AM |
| 18257 | Ruby master | Bug     | Open     | SystemTap/DTrace coredump on ppc64le/s390x   |                          | 11/24/2021 01:59 PM |
| 4040  | Ruby master | Bug     | Assigned | SystemStackError with Hash[*a] for Large _a_   | ko1 (Koichi Sasada)      | 12/25/2017 06:14 PM |
| 7742  | Ruby master | Bug     | Open     | System encoding (Windows-1258) is not recognized by Ruby to convert back to UTF-8  | duerst (Martin Dürst)    | 12/25/2017 06:15 PM |
| 18080 | Ruby master | Bug     | Open     | Syntax error on one-line pattern matching  |                          | 08/18/2021 12:38 AM |
| 10584 | Ruby master | Bug     | Open     | String.valid_encoding?, String.ascii_only? fails to account for BOM.   |                          | 01/05/2018 09:01 PM |
| 16927 | Ruby master | Bug     | Open     | String#tr won't return the expected result for some sign with diacritics   |                          | 06/01/2020 05:24 AM |
| 17120 | Ruby master | Bug     | Open     | String#start_with? return wrong result for Regexp patterns containing /K/  |                          | 08/13/2020 05:10 PM |
| 16497 | Ruby master | Bug     | Assigned | StringIO#internal_encoding is broken (more severely in 2.7)  | nobu (Nobuyoshi Nakada)  | 10/26/2021 04:31 PM |
| 9414  | Ruby master | Bug     | Feedback | strftime returns incorrectly encoded string  | nobu (Nobuyoshi Nakada)  | 01/05/2018 09:00 PM |
| 11526 | Ruby master | Bug     | Assigned | Streaming HTTP requests are not idempotent and should not be retried   | naruse (Yui NARUSE)      | 07/01/2019 09:16 PM |
| 16908 | Ruby master | Bug     | Open     | Strange behaviour of Hash#shift when used with `default_proc`.   |                          | 09/27/2021 05:37 AM |
| 14679 | Ruby master | Bug     | Assigned | StdLib gems should properly specify their dependencies   | hsbt (Hiroshi SHIBATA)   | 04/11/2018 01:14 PM |
| 16158 | Ruby master | Bug     | Open     | "st" Character Sequence In Regex Look-Behind Causes Illegal Pattern Error When Combined With POSIX Bracket Expressions And Case Insensitivity Flag |                          | 09/17/2019 09:37 AM |
| 17926 | Ruby master | Bug     | Open     | spec/ruby/core/file/atime_spec.rb: a random failing test on Travis ppc64le   |                          | 06/02/2021 04:35 PM |
| 11063 | Ruby master | Bug     | Open     | Special singleton class should return true for singleton_class? test   |                          | 12/30/2019 03:00 AM |
| 17995 | Ruby master | Bug     | Open     | Slow down when mjit and Ractor are being used at same time   |                          | 06/17/2021 03:48 AM |
| 14474 | Ruby master | Bug     | Open     | skip "TestException#test_thread_signal_location" as known bug  |                          | 12/10/2018 07:09 AM |
| 11064 | Ruby master | Bug     | Open     | #singleton_methods for objects with special singleton_class returns an empty array   |                          | 12/30/2019 03:00 AM |
| 18130 | Ruby master | Bug     | Assigned | Showing exceptions from Ractor on console causes errors  | ko1 (Koichi Sasada)      | 10/20/2021 12:45 AM |
| 11230 | Ruby master | Bug     | Open     | Should rb_struct_s_members() be public API?  |                          | 04/17/2021 05:06 PM |

| #     | Project     | Tracker | Status   | Subject  | Assignee                         | Updated             |
|-------|-------------|---------|----------|--|----------------------------------|---------------------|
| 18186 | Ruby master | Bug     | Open     | SEGV with system command - MinGW?  |                                  | 09/22/2021 03:20 PM |
| 14049 | Ruby master | Bug     | Open     | SEGV svn 60401 require_relative  |                                  | 10/26/2017 05:25 PM |
| 17196 | Ruby master | Bug     | Assigned | Segmentation Fault with Socket#close in Ractors  | ko1 (Koichi Sasada)              | 11/30/2021 05:20 AM |
| 18142 | Ruby master | Bug     | Assigned | Segmentation fault with Ruby 3.0.2   | kOkubun (Takashi Kokubun)        | 09/02/2021 07:43 AM |
| 17587 | Ruby master | Bug     | Assigned | Segmentation fault with ractors and unix signals   | ko1 (Koichi Sasada)              | 11/30/2021 05:26 AM |
| 16288 | Ruby master | Bug     | Open     | Segmentation fault with finalizers, threads  |                                  | 12/19/2019 07:46 PM |
| 12444 | Ruby master | Bug     | Assigned | Segmentation fault when running TestException#test_machine_stackoverflow on cygwin   | nobu (Nobuyoshi Nakada)          | 04/28/2017 01:45 PM |
| 17765 | Ruby master | Bug     | Open     | Segmentation fault when calling String#gsub  |                                  | 03/31/2021 10:13 PM |
| 5334  | Ruby master | Bug     | Assigned | Segmentation fault in InternetExplorer IServiceProvider interface  | suke (Masaki Suketa)             | 12/30/2019 03:00 AM |
| 18034 | Ruby master | Bug     | Assigned | Segmentation fault fiddle with `--enable-bundled-libffi` and macOS   | kou (Kouhei Sutou)               | 11/30/2021 07:39 AM |
| 17799 | Ruby master | Bug     | Open     | Seg fault in rb_class_clear_method_cache   |                                  | 04/28/2021 03:02 AM |
| 13571 | Ruby master | Bug     | Open     | Script arguments, encoding, windows / MinGW  |                                  | 11/12/2017 10:53 PM |
| 18002 | Ruby master | Bug     | Open     | s390x: Tests failing without LC_ALL env  | jaruga (Jun Aruga)               | 07/12/2021 04:30 PM |
| 5317  | Ruby master | Bug     | Assigned | ruby off_t   | nobu (Nobuyoshi Nakada)          | 01/05/2018 09:00 PM |
| 16810 | Ruby master | Bug     | Open     | ruby segfaults on s390x with musl libc   |                                  | 03/05/2021 01:38 AM |
| 16905 | Ruby master | Bug     | Open     | Ruby required to build Ruby on Haiku?  |                                  | 05/24/2020 08:08 AM |
| 17843 | Ruby master | Bug     | Open     | Ruby on Rails error[BUG] Segmentation fault at 0x000000000000110 ruby 3.0.1p64 (2021-04-05 revision 0fb782ee38) [x86_64-darwin15] (#42110) |                                  | 05/03/2021 12:46 AM |
| 11269 | Ruby master | Bug     | Assigned | ruby_init_setproctitle() should be called before require_libraries()   | kosaki (Motohiro KOSAKI)         | 06/17/2015 03:01 AM |
| 17142 | Ruby master | Bug     | Open     | Ruby fails to build in AIX   |                                  | 03/20/2021 07:08 AM |
| 14422 | Ruby master | Bug     | Open     | Ruby configuration options should not be reused for gem builds   |                                  | 03/05/2018 03:32 PM |
| 10436 | Ruby master | Bug     | Open     | ruby -c and ripper inconsistency: m(&nil) {}   |                                  | 08/27/2019 12:08 AM |
| 18337 | Ruby master | Bug     | Assigned | Ruby allows zero-width characters in identifiers   | duerst (Martin Dürst)            | 11/24/2021 09:13 AM |
| 18281 | Ruby master | Bug     | Open     | Ruby 3.1.0: gem uninstall -alx fails to uninstall debug  |                                  | 11/01/2021 11:08 PM |
| 17478 | Ruby master | Bug     | Assigned | Ruby3.0 is slower than Ruby2.7.2 when parsing a large CSV file   | kou (Kouhei Sutou)               | 11/24/2021 05:12 AM |
| 17373 | Ruby master | Bug     | Open     | Ruby 3.0 is slower at Discourse bench than Ruby 2.7  |                                  | 01/04/2021 06:47 AM |
| 14418 | Ruby master | Bug     | Open     | ruby 2.5 slow regexp execution   |                                  | 12/29/2019 10:34 AM |
| 14387 | Ruby master | Bug     | Open     | Ruby 2.5 Alpine Linux SystemStackError   |                                  | 04/21/2020 03:13 PM |
| 9507  | Ruby master | Bug     | Open     | Ruby 2.1.0 is broken on ARMv5: tried to create Proc object without a block   | charliesome (Charlie Somerville) | 01/05/2018 09:00 PM |
| 17037 | Ruby master | Bug     | Open     | rounding of Rational#to_f  |                                  | 08/26/2020 03:54 AM |

| #     | Project     | Tracker | Status   | Subject  | Assignee                  | Updated             |
|-------|-------------|---------|----------|--|---------------------------|---------------------|
| 13864 | Ruby master | Bug     | Assigned | Rinda multicast test failures due to missing default route   | seki (Masatoshi Seki)     | 08/17/2021 07:16 AM |
| 18165 | Ruby master | Bug     | Assigned | resolv: IPv6 link local addresses do not accept dash as a valid zone_id character  | akr (Akira Tanaka)        | 09/14/2021 03:37 PM |
| 13513 | Ruby master | Bug     | Assigned | Resolv::DNS::Message.decode hangs after detecting truncation in UDP messages   | akr (Akira Tanaka)        | 03/08/2021 11:35 PM |
| 18355 | Ruby master | Bug     | Assigned | require("pathname") within rack application chnages behaviors of Pathname methods, such as absolute?(), when there are two versions of 'pathname' gem installed. | hsbt (Hiroshi SHIBATA)    | 11/30/2021 08:01 AM |
| 15993 | Ruby master | Bug     | Open     | 'require' doesn't work if there are Cyrillic chars in the path to Ruby dir   |                           | 07/09/2021 04:08 PM |
| 18371 | Ruby master | Bug     | Assigned | Release branches (release information in general)  | naruse (Yui NARUSE)       | 12/02/2021 03:05 AM |
| 16776 | Ruby master | Bug     | Assigned | Regression in coverage library   | ko1 (Koichi Sasada)       | 11/24/2021 07:26 AM |
| 13671 | Ruby master | Bug     | Assigned | Regex with lookbehind and case-insensitivity raises RegexpError only on strings with certain characters  | duerst (Martin Dürst)     | 11/30/2021 04:42 AM |
| 8444  | Ruby master | Bug     | Open     | Regex vars \$~ and friends are not thread local  | ko1 (Koichi Sasada)       | 07/30/2019 07:38 AM |
| 18009 | Ruby master | Bug     | Open     | Regexps \w and \W with /i option and /u option produce inconsistent results under nested negation and intersection   |                           | 06/28/2021 09:09 AM |
| 16145 | Ruby master | Bug     | Open     | regex match error if mixing /i, character classes, and utf8  |                           | 09/06/2019 05:52 AM |
| 14364 | Ruby master | Bug     | Open     | Regex last match variable in procs   |                           | 09/14/2018 05:28 AM |
| 14838 | Ruby master | Bug     | Open     | RegexpError with double "s" in look-behind assertion in case-insensitive unicode regexp  |                           | 06/09/2018 04:04 PM |
| 14103 | Ruby master | Bug     | Open     | Regex absense operator has no chance to ^C   |                           | 10/13/2021 03:48 PM |
| 11704 | Ruby master | Bug     | Assigned | Refinements only get "used" once in loop   | matz (Yukihiro Matsumoto) | 04/14/2016 02:45 AM |
| 14083 | Ruby master | Bug     | Open     | Refinement in block calling incorrect method   |                           | 11/05/2017 07:36 PM |
| 15428 | Ruby master | Bug     | Open     | Refactor Proc#>> and #<<   |                           | 08/20/2021 06:31 PM |
| 7859  | Ruby master | Bug     | Assigned | Readline: Incorrect arrow key behavior in vi_editing_mode insert mode with Readline 6.2  | kouji (Kouji Takao)       | 12/25/2017 06:15 PM |
| 18373 | Ruby master | Bug     | Open     | RBS build failure: '/include/x86_64-linux/ruby/config.h', needed by 'constants.o'.   |                           | 12/01/2021 11:57 AM |
| 17813 | Ruby master | Bug     | Open     | rb_funcall() may reset the latest socket error unexpectedly since Ruby 3.0.0   |                           | 04/19/2021 09:40 AM |
| 17349 | Ruby master | Bug     | Open     | Rake 00000000000000000000000000000000  |                           | 08/13/2021 08:13 PM |
| 17826 | Ruby master | Bug     | Open     | Ractor#take hangs if used in multiple Threads  |                           | 04/25/2021 12:53 PM |
| 18258 | Ruby master | Bug     | Open     | Ractor.shareable? can be slow and mutates internal object flags.   | ko1 (Koichi Sasada)       | 10/21/2021 08:58 AM |
| 17529 | Ruby master | Bug     | Assigned | Ractor Segfaults with GC enabled   | ko1 (Koichi Sasada)       | 02/18/2021 07:26 AM |
| 17489 | Ruby master | Bug     | Assigned | Ractor segfaults   | ko1 (Koichi Sasada)       | 01/05/2021 09:25 PM |
| 17678 | Ruby master | Bug     | Assigned | Ractors do not restart after fork  | ko1 (Koichi Sasada)       | 03/09/2021 12:42 AM |
| 17624 | Ruby master | Bug     | Open     | Ractor.receive is not thread-safe  | ko1 (Koichi Sasada)       | 09/14/2021 01:40 AM |
| 17998 | Ruby master | Bug     | Open     | ractor: process hanging (with ractors initialized, but not being used)   |                           | 06/17/2021 07:14 PM |
| 18243 | Ruby master | Bug     | Open     | Ractor.make_shareable does not freeze the receiver of a Proc but allows accessing ivars of it  |                           | 11/03/2021 11:57 PM |
| 17506 | Ruby master | Bug     | Open     | Ractor isolation broken by ThreadGroup   |                           | 01/03/2021 08:05 PM |

| #     | Project     | Tracker | Status   | Subject   | Assignee                         | Updated             |
|-------|-------------|---------|----------|---|----------------------------------|---------------------|
| 17543 | Ruby master | Bug     | Open     | Ractor isolation broken by `self` in shareable proc                                       | ko1 (Koichi Sasada)              | 01/29/2021 03:06 PM |
| 18129 | Ruby master | Bug     | Open     | Ractor-incompatible global variables can be accessed through alias                        |                                  | 08/23/2021 10:08 PM |
| 17679 | Ruby master | Bug     | Assigned | Ractor incoming channel can consume unlimited resources                                   | ko1 (Koichi Sasada)              | 03/26/2021 09:16 AM |
| 18119 | Ruby master | Bug     | Open     | Ractor crashes when instantiating classes   | ko1 (Koichi Sasada)              | 09/14/2021 01:42 AM |
| 18024 | Ruby master | Bug     | Assigned | Ractor crashes when connections are closed in multiple Ractors                            | ko1 (Koichi Sasada)              | 11/30/2021 05:37 AM |
| 17677 | Ruby master | Bug     | Assigned | Ractor crashes fork when blocking   | ko1 (Koichi Sasada)              | 03/09/2021 12:42 AM |
| 17359 | Ruby master | Bug     | Open     | Ractor copy mode is not Ractor-safe   | ko1 (Koichi Sasada)              | 12/02/2020 05:42 PM |
| 17180 | Ruby master | Bug     | Open     | Ractor and constant referencing   |                                  | 09/20/2020 05:43 PM |
| 18128 | Ruby master | Bug     | Open     | Ractor allows class variables that have been used before                                  |                                  | 08/23/2021 10:05 PM |
| 10128 | Ruby master | Bug     | Open     | Quoting problem for arguments of Kernel.system, Kernel.exec on Windows                    | cruby-windows                    | 12/30/2019 03:00 AM |
| 17146 | Ruby master | Bug     | Open     | Queue operations are allowed after it is frozen   |                                  | 10/20/2021 08:32 PM |
| 17774 | Ruby master | Bug     | Open     | Quantified empty group causes regex to fail   |                                  | 10/13/2021 04:43 PM |
| 18036 | Ruby master | Bug     | Open     | Pthread fibers become invalid on fork - different from normal fibers.                     | ioquatix (Samuel Williams)       | 08/19/2021 07:05 AM |
| 7968  | Ruby master | Bug     | Assigned | Poor UDPSocket#send performance in ruby 2.0.0 on windows                                  | cruby-windows                    | 10/23/2017 12:23 AM |
| 17925 | Ruby master | Bug     | Open     | Pattern matching syntax using semicolon one-line  |                                  | 06/04/2021 03:08 PM |
| 14891 | Ruby master | Bug     | Open     | Pathname#join has different behaviour to File.join  |                                  | 02/18/2020 01:39 PM |
| 18158 | Ruby master | Bug     | Open     | Pathname#each_entry without block does not return Enumerator                              |                                  | 09/17/2021 07:33 PM |
| 15263 | Ruby master | Bug     | Open     | [PATCH] vm_trace.c (postponed_job_register): only hit main thread                         | ko1 (Koichi Sasada)              | 10/27/2018 11:35 PM |
| 15310 | Ruby master | Bug     | Open     | [PATCH] thread_pthread.c: close race from UBF_TIMER and non-GVL-releasing thread          |                                  | 11/20/2018 12:50 AM |
| 10855 | Ruby master | Bug     | Open     | [PATCH] Matrix#inverse returns matrix of integers whenever possible                       | marcandre (Marc-Andre Lafortune) | 12/30/2019 03:00 AM |
| 18079 | Ruby master | Bug     | Open     | [PATCH] make error for MinGW with Clang/LLVM + LLD  |                                  | 08/17/2021 03:52 AM |
| 15386 | Ruby master | Bug     | Open     | [PATCH] io.c (rb_io_check_char_readable): do not io_fflush buffered sockets               |                                  | 12/06/2018 11:38 AM |
| 12582 | Ruby master | Bug     | Assigned | OpenSSL Authenticated Encryption should check for tag length                              | rhenium (Kazuki Yamaguchi)       | 04/28/2017 01:45 PM |
| 11582 | Ruby master | Bug     | Open     | On Solaris, Rational#** returns -Infinity for Rational(0) when passed a negative Float    |                                  | 10/13/2015 03:12 AM |
| 12506 | Ruby master | Bug     | Assigned | On cygwin, Feature #5994 does not work  | nobu (Nobuyoshi Nakada)          | 04/28/2017 01:45 PM |
| 18155 | Ruby master | Bug     | Open     | (nil..nil).cover?(x) is true for all x since beginless ranges were introduced             |                                  | 10/13/2021 06:41 AM |
| 12436 | Ruby master | Bug     | Assigned | newline argument of File.open seems not respected on Windows                              | nobu (Nobuyoshi Nakada)          | 10/25/2021 09:07 AM |
| 17835 | Ruby master | Bug     | Assigned | Net::HTTP should automatically add Accept-Encoding request header on HEAD request as well | naruse (Yui NARUSE)              | 11/24/2021 05:10 AM |
| 12055 | Ruby master | Bug     | Assigned | `NET::HTTPResponse` is not deflating responses with custom `Content-Range` header         | naruse (Yui NARUSE)              | 06/27/2019 10:27 PM |



| #     | Project     | Tracker | Status   | Subject   | Assignee                  | Updated             |
|-------|-------------|---------|----------|---|---------------------------|---------------------|
| 14826 | Ruby master | Bug     | Open     | make: *** [.ext/include/sparc-solaris2.10/rb_mjit_min_header-2.6.0.h] Error 1 on Solaris 10 with very old gcc3                        |                           | 06/05/2018 02:02 PM |
| 14543 | Ruby master | Bug     | Assigned | `make commit` show error of `common-srcs`   | nobu (Nobuyoshi Nakada)   | 06/02/2018 04:17 AM |
| 18374 | Ruby master | Bug     | Open     | make: Circular spec/ruby/optional/capi/ext/array_spec.c <- spec/ruby/optional/capi/ext/array_spec.c dependency dropped.               |                           | 12/01/2021 11:43 AM |
| 17629 | Ruby master | Bug     | Open     | macOS, readline compiled with libedit: adding entries to history doesn't work unless Readline.readline is called before populating it |                           | 09/29/2021 02:26 AM |
| 18133 | Ruby master | Bug     | Open     | LTO: TestGCCCompact#test_ast_compacts segfaults on i686   |                           | 11/26/2021 08:24 AM |
| 9115  | Ruby master | Bug     | Assigned | Logger traps all exceptions; breaks Timeout   | sonots (Naotoshi Seo)     | 08/20/2019 12:47 PM |
| 18169 | Ruby master | Bug     | Assigned | Local copies of gemified libraries are being released out of sync with their gems   | hsbt (Hiroshi SHIBATA)    | 09/24/2021 05:14 PM |
| 8677  | Ruby master | Bug     | Open     | \$LOAD_PATH did not encoded into the "internal encoding"  |                           | 12/30/2019 03:00 AM |
| 15787 | Ruby master | Bug     | Feedback | LoadError by EPERM on read-only volume  |                           | 12/29/2019 06:46 AM |
| 16819 | Ruby master | Bug     | Assigned | Line reporting off by one when reporting line of a hash?  | ko1 (Koichi Sasada)       | 06/16/2020 05:57 PM |
| 16820 | Ruby master | Bug     | Open     | LEGAL is out of sync  |                           | 08/19/2020 11:08 AM |
| 9435  | Ruby master | Bug     | Open     | Kernel.system problem   |                           | 12/30/2019 03:00 AM |
| 16694 | Ruby master | Bug     | Assigned | JIT vs hardened GCC with PCH  | kOkubun (Takashi Kokubun) | 02/02/2021 07:38 AM |
| 17817 | Ruby master | Bug     | Open     | --jit outputs ./tmp/_ruby_mjit_*.h: No such file or directory on with TMP   |                           | 04/22/2021 11:57 AM |
| 17008 | Ruby master | Bug     | Feedback | JIT enabled on Windows can cause constant conhost pop-ups   | kOkubun (Takashi Kokubun) | 07/03/2020 08:29 PM |
| 9955  | Ruby master | Bug     | Assigned | issue building dll on mingw, library not found  | nobu (Nobuyoshi Nakada)   | 01/05/2018 09:00 PM |
| 11531 | Ruby master | Bug     | Assigned | IPAddr#== implements wrong logic  | knu (Akinori MUSHA)       | 12/29/2019 12:50 PM |
| 15367 | Ruby master | Bug     | Open     | IO.select is not resumed when io-object gets closed   |                           | 12/03/2018 10:22 AM |
| 14434 | Ruby master | Bug     | Open     | IO#reopen fails after EPIPE   |                           | 09/10/2020 06:27 PM |
| 10009 | Ruby master | Bug     | Open     | IO operation is 10x slower in multi-thread environment  | ko1 (Koichi Sasada)       | 05/21/2015 07:19 AM |
| 8445  | Ruby master | Bug     | Assigned | IO.open and IO#set_encoding does not support :fallback option   | akr (Akira Tanaka)        | 01/05/2018 09:00 PM |
| 16997 | Ruby master | Bug     | Open     | IO#gets converts some \r\n to \n with universal_newline: false  |                           | 08/26/2020 05:20 PM |
| 18255 | Ruby master | Bug     | Open     | ioctl zeroes the last buffer byte   |                           | 10/25/2021 08:13 AM |
| 12280 | Ruby master | Bug     | Open     | IO.copy_stream(IO, IO) fails with "pread() not implemented"   |                           | 04/28/2016 05:51 AM |
| 9431  | Ruby master | Bug     | Open     | In windows ruby IO.write returns count of bytes without count of CR character   |                           | 12/30/2019 03:00 AM |
| 16842 | Ruby master | Bug     | Assigned | `inspect` prints the UTF-8 character U+0085 (NEXT LINE) verbatim even though it is not printable                                      | duerst (Martin Dürst)     | 02/26/2021 05:43 AM |
| 9944  | Ruby master | Bug     | Assigned | in ruby for windows in "system" a redirection to append a file works incorrectly  | cruby-windows             | 01/05/2018 09:00 PM |
| 18060 | Ruby master | Bug     | Open     | Infinite loop when b_return TracePoint raises   |                           | 08/03/2021 09:31 PM |



| #     | Project     | Tracker | Status   | Subject   | Assignee                          | Updated             |
|-------|-------------|---------|----------|---|-----------------------------------|---------------------|
| 17400 | Ruby master | Bug     | Open     | Incorrect character downcase for Greek Sigma  | duerst (Martin Dürst)             | 12/17/2020 06:56 AM |
| 17990 | Ruby master | Bug     | Open     | Inconsistent behavior of Regexp quantifiers over characters with complex case foldings                  |                                   | 06/15/2021 11:59 AM |
| 17866 | Ruby master | Bug     | Assigned | Incompatible changes with Psych 4.0.0   | tenderlovmaking (Aaron Patterson) | 05/23/2021 10:42 PM |
| 17656 | Ruby master | Bug     | Open     | Improper functions shown in C level backtrace information   |                                   | 03/05/2021 02:53 PM |
| 11450 | Ruby master | Bug     | Open     | HTTPHeader.content_range throws error on non-byte units   |                                   | 09/29/2015 12:50 PM |
| 9921  | Ruby master | Bug     | Open     | gmtime_r, win32.h, and <string>   |                                   | 12/30/2019 03:00 AM |
| 10919 | Ruby master | Bug     | Assigned | [gem install] installs multiple platforms   | hsbt (Hiroshi SHIBATA)            | 07/30/2019 07:44 AM |
| 15097 | Ruby master | Bug     | Open     | Gem install fails on Ruby 2.5.1 with Cygwin (get_dns_server_list undefined)                             |                                   | 09/10/2018 07:18 PM |
| 11164 | Ruby master | Bug     | Assigned | Garbage collector in Ruby 2.2 provokes unexpected CoW   | authorNari (Narihiro Nakamura)    | 05/26/2015 06:29 AM |
| 15423 | Ruby master | Bug     | Open     | fork leapfrog leaks memory on FreeBSD 11.2  |                                   | 12/16/2018 02:28 PM |
| 17516 | Ruby master | Bug     | Assigned | forking in a ractor causes Ruby to crash  | ko1 (Koichi Sasada)               | 11/30/2021 05:26 AM |
| 14607 | Ruby master | Bug     | Open     | Fix use of the rb_profile_frames start parameter  |                                   | 04/20/2021 09:59 PM |
| 18152 | Ruby master | Bug     | Open     | Fix theoretical bug with signals + qsort  |                                   | 09/08/2021 03:38 PM |
| 13151 | Ruby master | Bug     | Open     | File.writable? doesn't report correctly if a directory is writable on Windows.                          |                                   | 01/23/2017 05:46 PM |
| 595   | Ruby master | Bug     | Assigned | Fiber ignores ensure clause   | ioquatix (Samuel Williams)        | 12/29/2019 10:37 AM |
| 17263 | Ruby master | Bug     | Open     | Fiber context switch degrades with number of fibers, limit on number of fibers                          |                                   | 10/22/2020 10:43 AM |
| 17159 | Ruby master | Bug     | Open     | extend `define_method` for Ractor   |                                   | 10/29/2020 04:06 PM |
| 18061 | Ruby master | Bug     | Open     | Execshield test: libruby.so.N.N.N: FAIL: property-note test because no .note.gnu.property section found |                                   | 08/10/2021 09:55 AM |
| 16829 | Ruby master | Bug     | Open     | Exceptions raised from within an enumerated method lose part of their stacktrace                        |                                   | 05/05/2020 09:06 PM |
| 18170 | Ruby master | Bug     | Assigned | Exception#inspect should not include newlines   | mame (Yusuke Endoh)               | 11/30/2021 07:32 AM |
| 11840 | Ruby master | Bug     | Open     | Error with "make check" on Cygwin   | nobu (Nobuyoshi Nakada)           | 12/29/2019 10:32 AM |
| 18294 | Ruby master | Bug     | Open     | error when parsing regexp comment   |                                   | 11/15/2021 09:59 AM |
| 14971 | Ruby master | Bug     | Open     | error: implicit declaration of function 'rb_vm_call0  | nobu (Nobuyoshi Nakada)           | 09/06/2018 03:53 AM |
| 12590 | Ruby master | Bug     | Open     | Error compiling parse.c on cygwin   | nobu (Nobuyoshi Nakada)           | 07/18/2016 04:09 AM |
| 13220 | Ruby master | Bug     | Feedback | Enhance support of Unicode strings manipulation   |                                   | 06/14/2019 08:58 PM |
| 18338 | Ruby master | Bug     | Open     | Encoding.default_external = Encoding::UTF_16BE may add a wrongly-encoded string to \$LOADED_FEATURES    |                                   | 11/15/2021 07:32 AM |

| #     | Project     | Tracker | Status   | Subject  | Assignee                | Updated             |
|-------|-------------|---------|----------|--|-------------------------|---------------------|
| 15315 | Ruby master | Bug     | Open     | ec_switch can still lose interrupts  | ko1 (Koichi Sasada)     | 11/20/2018 09:32 AM |
| 8782  | Ruby master | Bug     | Assigned | Don't set rl_getc_function on editline   | kouji (Kouji Takao)     | 01/05/2018 09:00 PM |
| 17337 | Ruby master | Bug     | Open     | Don't embed Ruby build-time configuration in Ruby  |                         | 12/21/2020 04:17 PM |
| 11808 | Ruby master | Bug     | Open     | Different behavior between Enumerable#grep and Array#grep  | ko1 (Koichi Sasada)     | 10/26/2020 04:36 AM |
| 17531 | Ruby master | Bug     | Open     | `did_you_mean` not Ractor friendly   | ko1 (Koichi Sasada)     | 01/29/2021 08:48 AM |
| 17722 | Ruby master | Bug     | Open     | define_method with shareable results in "defined in a different Ractor"  |                         | 08/24/2021 12:03 PM |
| 6360  | Ruby master | Bug     | Assigned | Debug information build even without requesting it   | nobu (Nobuyoshi Nakada) | 01/05/2018 09:00 PM |
| 15598 | Ruby master | Bug     | Open     | Deadlock on mutual reference of autoloaded constants   |                         | 03/20/2019 10:58 AM |
| 18120 | Ruby master | Bug     | Open     | Deadlock and segfault when using autoload in Ractor  |                         | 08/19/2021 05:05 PM |
| 11177 | Ruby master | Bug     | Open     | DATA␣EOF␣␣␣␣␣␣␣␣   |                         | 05/25/2015 03:49 AM |
| 13999 | Ruby master | Bug     | Assigned | Cygwin ␣␣␣ ripper_state_lex.rb ␣␣␣␣␣␣␣   | aycabta (aycabta .)     | 11/06/2018 04:51 PM |
| 17996 | Ruby master | Bug     | Open     | Cygwin: thread + pipe behavior since Ruby 2.6  |                         | 06/17/2021 03:59 AM |
| 9409  | Ruby master | Bug     | Open     | Cygwin ␣ "filesystem" ␣ encoding ␣␣␣␣␣␣␣␣  |                         | 12/30/2019 03:00 AM |
| 11183 | Ruby master | Bug     | Open     | Cumulative error on Complex::l ** 1000                                 |                         | 05/26/2015 08:32 AM |
| 10416 | Ruby master | Bug     | Open     | Create mechanism for updating of Unicode data files downstreams when we want   | nobu (Nobuyoshi Nakada) | 10/08/2021 06:40 AM |
| 15928 | Ruby master | Bug     | Open     | Constant declaration does not conform to JIS 3017:2013   |                         | 06/07/2021 03:41 PM |
| 16951 | Ruby master | Bug     | Assigned | Consistently referer dependencies  | hsbt (Hiroshi SHIBATA)  | 06/17/2021 06:15 AM |
| 16836 | Ruby master | Bug     | Assigned | configure-time LDFLAGS leak into ruby pkg-config file  | nobu (Nobuyoshi Nakada) | 08/14/2021 09:10 AM |
| 9010  | Ruby master | Bug     | Assigned | ./configure --prefix= cannot handle directories with spaces  | nobu (Nobuyoshi Nakada) | 04/26/2021 10:38 PM |
| 5179  | Ruby master | Bug     | Assigned | Complex#rationalize and to_r with approximate zeros  | mrkn (Kenta Murata)     | 01/17/2020 03:00 AM |
| 17931 | Ruby master | Bug     | Open     | Compile fails setup option nodynamic   |                         | 07/07/2021 08:51 AM |
| 11142 | Ruby master | Bug     | Open     | Command line argument parser on windows handles double quotes inconsistently.  | usa (Usaku NAKAMURA)    | 05/12/2015 04:09 PM |
| 18379 | Ruby master | Bug     | Open     | [C] Windows mingw/ucrt - test-all timeout failures   |                         | 12/02/2021 02:23 AM |
| 15334 | Ruby master | Bug     | Open     | child_info_fork::abort: address space needed by 'emoji_iso2022_kddi.so' on cygwin                                    | nobu (Nobuyoshi Nakada) | 12/10/2018 07:14 AM |
| 17646 | Ruby master | Bug     | Open     | Check for `__builtin_mul_overflow` with `long long` arguments  |                         | 02/19/2021 06:19 PM |
| 18010 | Ruby master | Bug     | Open     | Character class with single character gets case-folded with following string   |                         | 06/28/2021 09:30 AM |
| 17989 | Ruby master | Bug     | Open     | Case insensitive Regexp do not handle characters with overlapping case foldings                                      |                         | 06/15/2021 11:43 AM |
| 18012 | Ruby master | Bug     | Open     | Case-insensitive character classes can only match multiple code points when top-level character class is not negated |                         | 06/29/2021 08:35 AM |

| #     | Project     | Tracker | Status   | Subject  | Assignee                   | Updated             |
|-------|-------------|---------|----------|--|----------------------------|---------------------|
| 18049 | Ruby master | Bug     | Feedback | Cannot build ruby-3.0.2 on NetBSD  |                            | 08/01/2021 12:36 AM |
| 18050 | Ruby master | Bug     | Open     | Cannot build ruby-2.7.4 on NetBSD  |                            | 07/29/2021 06:47 AM |
| 17545 | Ruby master | Bug     | Assigned | Calling dup on a subclass of Proc returns a Proc and not the subclass  | ko1 (Koichi Sasada)        | 02/19/2021 02:00 AM |
| 10213 | Ruby master | Bug     | Assigned | bundled gems ignored by make install   | hsbt (Hiroshi SHIBATA)     | 12/30/2019 03:00 AM |
| 9189  | Ruby master | Bug     | Assigned | Build failure on Windows in case of nonascii TEMP environment.   |                            | 01/05/2018 09:00 PM |
| 12179 | Ruby master | Bug     | Open     | Build failure due to VPATH expansion   |                            | 04/14/2016 01:55 AM |
| 18277 | Ruby master | Bug     | Open     | buffer error (Zlib::BufError) in Zlib::Deflate#deflate when using MJIT   |                            | 10/30/2021 10:13 PM |
| 15499 | Ruby master | 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 |
| 17882 | Ruby master | Bug     | Assigned | bootstrapstest/test_ractor.rb:224 segfaults on Cygwin  | ko1 (Koichi Sasada)        | 11/30/2021 05:38 AM |
| 17878 | Ruby master | Bug     | Open     | bootstrapstest/test_ractor.rb:224 a random failing test with "The outgoing-port is already closed (Ractor::ClosedError)" |                            | 09/13/2021 01:10 PM |
| 16143 | Ruby master | Bug     | Open     | BOM UTF-8 is not removed after rewind  |                            | 10/17/2019 06:30 AM |
| 13754 | Ruby master | Bug     | Assigned | bigdecimal with lower precision than Float   | mrkn (Kenta Murata)        | 05/20/2018 09:16 PM |
| 8826  | Ruby master | Bug     | Assigned | BigDecimal#div and #quo different behavior and inconsistencies   | mrkn (Kenta Murata)        | 05/20/2018 06:55 PM |
| 17664 | Ruby master | Bug     | Assigned | Behavior of sockets changed in Ruby 3.0 to non-blocking  | ioquatix (Samuel Williams) | 07/12/2021 10:28 AM |
| 16185 | Ruby master | Bug     | Open     | basicstest failure on AIX 6.1 for 64bit build  | kanemoto (Yutaka Kanemoto) | 10/15/2019 12:05 AM |
| 13164 | Ruby master | Bug     | Open     | A second `SystemStackError` exception results in `Segmentation fault (core dumped)`                                      |                            | 04/14/2017 01:05 PM |
| 8973  | Ruby master | Bug     | Open     | Allow to configure archlibdir for multiarch  | nobu (Nobuyoshi Nakada)    | 12/30/2019 03:00 AM |
| 11514 | Ruby master | Bug     | Open     | AIX6.1 - Ruby 2.2.3 - Segmentation fault in :byteslice   |                            | 09/18/2015 07:39 AM |
| 18081 | Ruby master | Bug     | Open     | addr2line.c: Wrong section for `DW_AT_ranges`  |                            | 08/17/2021 02:09 PM |
| 17810 | Ruby master | Bug     | Open     | addr2line.c: Some symbol names missing in C backtrace with Clang/LLVM  |                            | 04/30/2021 02:11 PM |
| 18131 | Ruby master | Bug     | Open     | addr2line.c: Some inlined functions mistakenly shown   |                            | 08/24/2021 07:59 PM |
| 18121 | Ruby master | Bug     | Open     | addr2line.c: Endianness  |                            | 08/19/2021 05:09 PM |
| 18123 | Ruby master | Bug     | Open     | addr2line.c: Define `SHF_COMPRESSED`   |                            | 08/20/2021 11:19 AM |
| 17676 | Ruby master | Bug     | Assigned | Accessing ENV from Ractor raises IsolationError  | ko1 (Koichi Sasada)        | 03/09/2021 02:37 AM |
| 18058 | Ruby master | Bug     | Open     | 3.1.0-dev with MJIT enabled Zlib::BufError during `gem install`  | k0kubun (Takashi Kokubun)  | 08/02/2021 08:31 PM |
| 18292 | Ruby master | Bug     | Open     | 3.1.0-dev `include` cause Module to be marked as initialized   |                            | 11/08/2021 01:28 PM |
| 17383 | Ruby master | Bug     | Open     | 3.0 recursion memory speed issues  |                            | 12/09/2020 05:41 PM |
| 8061  | Ruby master | Feature | Open     | 👉👉👉👉👉👉👉👉👉👉👉👉👉👉👉👉   | matz (Yukihiro Matsumoto)  | 12/25/2017 06:15 PM |

| #     | Project     | Tracker | Status   | Subject   | Assignee                          | Updated             |
|-------|-------------|---------|----------|---|-----------------------------------|---------------------|
| 17598 | Ruby master | Feature | Feedback | XXXXXXXXXXXXXXXXXXXX.....   |                                   | 02/03/2021 01:13 AM |
| 9816  | Ruby master | Feature | Assigned | XXXXXXXXXXXXXXXXXXXXXXXXXXXX  | matz (Yukihiro Matsumoto)         | 10/28/2014 08:29 AM |
| 14800 | Ruby master | Feature | Open     | Zlib::GzipReader#read does not support 2nd argument   |                                   | 08/26/2019 07:49 PM |
| 14625 | Ruby master | Feature | Open     | yield_self accepts an argument, calling to_proc   |                                   | 03/30/2018 06:52 AM |
| 9401  | CommonRuby  | Feature | Open     | Yet another syntax for literal anonymous functions (lambdas)  |                                   | 01/13/2014 09:14 AM |
| 18042 | Ruby master | Feature | Feedback | YARV code optimization  |                                   | 07/27/2021 09:11 PM |
| 7788  | Ruby master | Feature | Open     | YAML Tag Schema Support   | tenderlovmaking (Aaron Patterson) | 12/25/2017 06:15 PM |
| 11781 | Ruby master | Feature | Open     | Would it be possible to alias .prepend() towards .unshift() for class Array by default?                         |                                   | 12/09/2015 12:46 PM |
| 16128 | Ruby master | Feature | Open     | Would it be possible for ruby to warn about case/when menu options separated by a trailing, but accidental ','? |                                   | 08/26/2019 09:56 AM |
| 14723 | Ruby master | Feature | Open     | [WIP] sleepy GC   |                                   | 05/18/2018 09:13 AM |
| 14348 | Ruby master | Feature | Open     | win32ole: enable using coclass-es with multiple IDispatch implementations                                       |                                   | 01/10/2018 11:35 AM |
| 9909  | Ruby master | Feature | Open     | why shouldn't constant lookup check the nesting of module's name  |                                   | 06/07/2014 02:18 AM |
| 17550 | Ruby master | Feature | Open     | Why no function to get all subdirectories of a directory?   |                                   | 01/18/2021 08:57 AM |
| 18291 | Ruby master | Feature | Open     | When use =~ with named group, if regex is on the right side, variable not defined.                              |                                   | 11/06/2021 12:36 PM |
| 16971 | Ruby master | Feature | Open     | weak_ref&.some_method should behave like object&.some_method  |                                   | 06/19/2020 03:17 PM |
| 15817 | Ruby master | Feature | Open     | Warnings for undef_method and remove_method on initialize()   |                                   | 05/02/2019 09:11 AM |
| 16755 | Ruby master | Feature | Open     | warning: `if' at the end of line without an expression  |                                   | 04/03/2020 11:28 PM |
| 10728 | Ruby master | Feature | Open     | Warning for Fixnum#size to use RbConfig::SIZEOF['long']   |                                   | 01/11/2015 04:23 PM |
| 9613  | Ruby master | Feature | Open     | Warn about unsafe openssl ciphers   |                                   | 09/13/2015 03:27 AM |
| 6613  | Ruby master | Feature | Assigned | VT_RECORD, IRecordInfo Support in WIN32OLE  | suke (Masaki Suketa)              | 12/25/2017 06:15 PM |
| 12589 | Ruby master | Feature | Open     | VM performance improvement proposal   |                                   | 02/20/2018 05:00 AM |
| 8404  | Ruby master | Feature | Open     | virtual, hooked or read only global variables for ruby only code too  |                                   | 05/14/2013 09:19 PM |
| 14602 | Ruby master | Feature | Open     | Version of dig that raises error if a key is not present  |                                   | 02/17/2020 12:48 AM |
| 18376 | Ruby master | Feature | Open     | Version comparison API  |                                   | 12/01/2021 10:59 PM |
| 12114 | Ruby master | Feature | Open     | \$VERBOSE = true is being ignored   |                                   | 02/26/2016 02:00 PM |
| 9174  | Ruby master | Feature | Open     | value receiving block for Hash#has_key?   |                                   | 11/29/2013 06:33 AM |
| 14079 | Ruby master | Feature | Open     | Validate argument list without calling method   |                                   | 11/07/2017 03:20 AM |
| 17355 | Ruby master | 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 |
| 12086 | Ruby master | Feature | Open     | using: option for instance_eval etc.  |                                   | 12/29/2019 07:46 PM |
| 12435 | Ruby master | Feature | Open     | Using connect_nonblock to open TCP connections in Net::HTTP#connect   |                                   | 06/06/2016 12:42 AM |

| #     | Project     | Tracker | Status   | Subject  | Assignee                  | Updated             |
|-------|-------------|---------|----------|--|---------------------------|---------------------|
| 12653 | Ruby master | Feature | Assigned | Use wide WinAPI for rb_w32_getcwd  | usa (Usaku NAKAMURA)      | 09/12/2016 06:35 AM |
| 10371 | CommonRuby  | Feature | Open     | Use Thread#handle_interrupt in MonitorMixin  |                           | 07/09/2015 05:12 AM |
| 16684 | Ruby master | Feature | Open     | Use the word "to" instead of "from" in backtrace   |                           | 04/10/2020 07:58 AM |
| 13047 | Ruby master | Feature | Assigned | Use String literal instead of `String#+` for multiline pretty-printing of multiline strings  | akr (Akira Tanaka)        | 02/22/2017 07:09 AM |
| 12928 | Ruby master | Feature | Open     | Use socket connect_timeout in net stdlib for open_timeout                                    |                           | 12/02/2019 09:20 PM |
| 18369 | Ruby master | Feature | Open     | users.detect(:name, "Dorian") as shorthand for users.detect {  user  user.name == "Dorian" } |                           | 12/02/2021 06:00 AM |
| 10755 | Ruby master | Feature | Open     | Use rb_define_alias instead of rb_define_method for rb_cHash                                 |                           | 07/27/2021 11:09 AM |
| 14718 | Ruby master | Feature | Open     | Use jemalloc by default?   |                           | 03/25/2020 06:38 PM |
| 13881 | Ruby master | Feature | Open     | Use getcontext/setcontext on OS X  |                           | 09/08/2017 09:13 AM |
| 8788  | Ruby master | Feature | Feedback | use eventfd on newer Linux instead of pipe for timer thread                                  |                           | 12/25/2017 06:15 PM |
| 9045  | Ruby master | Feature | Assigned | URI::ID/ID   | akira (akira yamada)      | 03/04/2021 10:19 PM |
| 10251 | Ruby master | Feature | Open     | URI: Support wildcards (globbing) in no_proxy  |                           | 12/16/2015 05:22 AM |
| 14411 | Ruby master | Feature | Open     | URI#secure?  |                           | 02/11/2018 03:44 PM |
| 17992 | Ruby master | Feature | Feedback | Upstreaming the htmlentities gem into CGI#.unescape_html                                     |                           | 06/30/2021 02:26 PM |
| 18037 | Ruby master | Feature | Open     | Update Unicode data to Unicode Version 14.0.0  | duerst (Martin Dürst)     | 09/15/2021 07:32 AM |
| 16027 | Ruby master | 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 |
| 17873 | Ruby master | Feature | Assigned | Update of default gems in Ruby 3.1   | hsbt (Hiroshi SHIBATA)    | 10/23/2021 08:58 PM |
| 11690 | Ruby master | Feature | Open     | Update Hash during multiple assignment   |                           | 12/10/2015 12:26 PM |
| 17562 | Ruby master | Feature | Open     | Update -E option in --help   |                           | 01/19/2021 05:38 PM |
| 15413 | Ruby master | Feature | Open     | unmarkable C stack (3rd stack)   |                           | 12/15/2018 01:13 AM |
| 11625 | Ruby master | Feature | Assigned | Unlock GVL for SHA1 calculations   |                           | 09/25/2018 11:26 AM |
| 15781 | Ruby master | Feature | Open     | Unify Method List Introspection?   |                           | 04/21/2019 11:16 PM |
| 17825 | Ruby master | Feature | Open     | Uniformize Float::INFINITY and Date::infinity.new  |                           | 05/04/2021 01:43 AM |
| 11530 | Ruby master | Feature | Feedback | unicode planes   |                           | 09/21/2015 05:46 AM |
| 5673  | Ruby master | Feature | Feedback | undef_method probably doesn't need to raise an error   | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 10879 | Ruby master | Feature | Open     | UnboundMethod#to_proc  |                           | 02/21/2015 07:56 PM |
| 14390 | Ruby master | Feature | Feedback | UnboundMethod#to_proc  |                           | 05/18/2018 03:24 AM |
| 17950 | Ruby master | Feature | Open     | Unable to pattern-match against a String key   |                           | 06/15/2021 11:42 AM |
| 12625 | Ruby master | Feature | Open     | TypeError.assert, ArgumentError.assert   |                           | 08/10/2016 04:36 AM |
| 16471 | Ruby master | Feature | Open     | Two feature requests for WeakRef: get original object, callback feature                      |                           | 01/02/2020 03:44 PM |
| 17566 | Ruby master | Feature | Open     | Tune thread QoS / efficiency on macOS  |                           | 01/29/2021 09:16 AM |

| #     | Project     | Tracker | Status   | Subject   | Assignee                  | Updated             |
|-------|-------------|---------|----------|---|---------------------------|---------------------|
| 13763 | Ruby master | Feature | Open     | Trigger "unused variable warning" for unused variables in parameter lists                             |                           | 11/28/2017 04:49 AM |
| 10237 | Ruby master | Feature | Open     | Transform all elements of one Encoding into another Encoding for Array and Hash                       |                           | 01/05/2018 09:01 PM |
| 8272  | CommonRuby  | Feature | Open     | Transfer feature tracking to CommonRuby   |                           | 04/16/2013 05:45 AM |
| 15031 | Ruby master | Feature | Open     | T_RANGE for testing whether object is a Range   |                           | 08/27/2018 11:45 AM |
| 9099  | Ruby master | Feature | Feedback | Train emoji lambda operator   |                           | 11/24/2013 01:48 AM |
| 15854 | Ruby master | Feature | Open     | Tracing instance variable assignment  | ko1 (Koichi Sasada)       | 07/29/2019 07:13 AM |
| 11348 | Ruby master | Feature | Feedback | TracePoint API needs events for fiber's switching   | ko1 (Koichi Sasada)       | 09/01/2015 09:12 AM |
| 10844 | Ruby master | Feature | Feedback | TracePoint API needs an event to inform about creating/removing a new frame without calling something | ko1 (Koichi Sasada)       | 03/02/2015 06:38 PM |
| 10589 | Ruby master | Feature | Open     | [TracePoint API] Make THREAD_{BEGIN, END} events return some context information                      |                           | 12/11/2014 04:27 PM |
| 18047 | Ruby master | Feature | Open     | TracePoint: Add event type for constant access  |                           | 07/27/2021 05:08 PM |
| 16673 | Ruby master | Feature | Open     | total_timeout for Net::HTTP   |                           | 03/07/2020 06:25 AM |
| 10238 | Ruby master | Feature | Open     | todo: remove dependency on malloc_usable_size   | ko1 (Koichi Sasada)       | 12/10/2020 09:20 AM |
| 10519 | Ruby master | Feature | Open     | TLS Renegotiation   |                           | 09/13/2015 03:29 AM |
| 16637 | Ruby master | Feature | Open     | Time#to_s and Date#to_s accept strftime format string   |                           | 02/17/2020 09:46 PM |
| 12173 | Ruby master | Feature | Open     | `Time#till_now`   |                           | 03/16/2016 10:19 AM |
| 17363 | Ruby master | Feature | Assigned | Timeouts  | ko1 (Koichi Sasada)       | 03/31/2021 06:34 PM |
| 18033 | Ruby master | Feature | Open     | Time.new to parse a string  |                           | 11/12/2021 11:33 AM |
| 10949 | Ruby master | Feature | Open     | Time is WB unprotected  |                           | 07/23/2015 05:55 PM |
| 13822 | Ruby master | Feature | Feedback | Time.dst_changes(t=Time.now.year)   |                           | 12/13/2018 01:31 AM |
| 6694  | Ruby master | Feature | Assigned | Thread.new without block.   | ko1 (Koichi Sasada)       | 12/25/2017 06:15 PM |
| 11098 | Ruby master | Feature | Feedback | Thread-level allocation counting  |                           | 10/09/2018 01:52 AM |
| 10658 | Ruby master | Feature | Open     | ThreadGroup local variables   |                           | 01/28/2016 07:20 AM |
| 9755  | Ruby master | Feature | Assigned | Thread::Backtrace::Location#defined_class   | ko1 (Koichi Sasada)       | 04/18/2014 09:22 AM |
| 13557 | Ruby master | Feature | Open     | there's no way to pass backtrace locations as a massaged backtrace                                    |                           | 06/24/2019 08:21 PM |
| 10175 | Ruby master | Feature | Open     | There's no reason to prefer Proc.new over Kernel#proc anymore   |                           | 11/10/2014 11:07 PM |
| 11791 | Ruby master | Feature | Feedback | The literal quotes should accept more quote characters (aka more unicode characters)                  |                           | 12/09/2015 12:45 AM |
| 8478  | Ruby master | Feature | Open     | The hash returned by Enumerable#group_by should have an empty array for its default value             | matz (Yukihiro Matsumoto) | 06/04/2013 03:56 PM |
| 14601 | Ruby master | Feature | Open     | test-all & ruby/test_m17n_comb.rb - fixup   |                           | 08/26/2019 07:30 PM |
| 4592  | Ruby master | Feature | Assigned | Tempfile  | matz (Yukihiro Matsumoto) | 12/25/2017 06:14 PM |
| 3953  | Ruby master | Feature | Assigned | TCPSocket / UDPSocket do not accept IPAddr objects.   | knu (Akinori MUSA)        | 12/25/2017 06:14 PM |
| 12735 | Ruby master | Feature | Feedback | TCP Server documentation improvement  | zzak (Zachary Scott)      | 03/01/2017 08:42 PM |

| #     | Project     | Tracker | Status   | Subject   | Assignee                  | Updated             |
|-------|-------------|---------|----------|---|---------------------------|---------------------|
| 8896  | CommonRuby  | Feature | Open     | #tap with missing block   |                           | 12/15/2018 09:48 PM |
| 18136 | Ruby master | Feature | Open     | take_while_after  |                           | 09/16/2021 02:15 PM |
| 6602  | Ruby master | Feature | Feedback | Tail call optimization: enable by default?  | ko1 (Koichi Sasada)       | 06/13/2020 01:31 AM |
| 13512 | Ruby master | Feature | Open     | System Threads  | ko1 (Koichi Sasada)       | 07/14/2017 07:08 AM |
| 11428 | Ruby master | Feature | Open     | system/exec/etc. should to_s their argument to restore Pathname functionality as it was in 1.8                                |                           | 11/06/2016 02:17 AM |
| 11939 | Ruby master | Feature | Open     | Syntax sugar to apply a method replace a variable   |                           | 01/04/2016 09:49 AM |
| 17290 | Ruby master | Feature | Open     | Syntax sugar for boolean keyword argument   |                           | 10/29/2020 04:51 AM |
| 9686  | CommonRuby  | Feature | Open     | Syntax for symbols used in hashes   |                           | 02/08/2018 10:01 AM |
| 8848  | CommonRuby  | Feature | Open     | Syntax for binary strings   |                           | 10/28/2014 08:33 AM |
| 13645 | Ruby master | Feature | Open     | Syntactic sugar for indexing when using the safe navigation operator  |                           | 04/16/2019 03:00 PM |
| 12129 | Ruby master | Feature | Open     | syntactic sugar for dynamic method dispatch `object_expression:method_name_expression(1, 2)`                                  |                           | 03/14/2016 01:35 AM |
| 8961  | CommonRuby  | Feature | Open     | Synchronizable module to easily wrap methods in a mutex   |                           | 10/03/2013 06:52 AM |
| 13257 | Ruby master | Feature | Feedback | Symbol#singleton_class should be undef  |                           | 06/01/2020 09:41 PM |
| 10064 | Ruby master | Feature | Feedback | &.symbol in when clause   | matz (Yukihiro Matsumoto) | 01/05/2018 09:01 PM |
| 7795  | Ruby master | Feature | Open     | Symbol.defined? and/or to_existing_symbol   | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 9963  | Ruby master | Feature | Feedback | Symbol.count  |                           | 07/11/2014 06:50 AM |
| 16102 | Ruby master | Feature | Open     | `Symbol#call`   |                           | 09/12/2019 09:25 AM |
| 5825  | Ruby master | Feature | Assigned | Sweet instance var assignment in the object initializer   | matz (Yukihiro Matsumoto) | 12/10/2020 08:53 AM |
| 14835 | Ruby master | Feature | Open     | Support TracePoint#raised_exception on non-:raise events  |                           | 06/16/2021 07:46 PM |
| 14393 | Ruby master | Feature | Open     | Support sending file descriptors (on local machine) via DRb UNIX  |                           | 01/24/2018 08:58 PM |
| 18259 | Ruby master | Feature | Open     | Support quarter spec %q in Time#strftime  |                           | 10/21/2021 12:15 PM |
| 17047 | Ruby master | Feature | Open     | Support parameters for MAIL FROM and RCPT TO  |                           | 05/17/2021 04:54 AM |
| 11665 | Ruby master | Feature | Open     | Support nested functions for better code organization   |                           | 11/16/2016 03:06 PM |
| 10602 | Ruby master | Feature | Open     | Support multithreaded profiling   |                           | 07/09/2019 01:24 AM |
| 17151 | Ruby master | Feature | Open     | Support multiple builtin ruby code for implimatation in Ruby & C  |                           | 09/05/2020 01:41 AM |
| 17844 | Ruby master | Feature | Open     | Support list of methods to test with respond_to?  |                           | 05/06/2021 07:00 PM |
| 14550 | Ruby master | Feature | Open     | Support keyword arguments with Date#step  |                           | 02/26/2018 03:58 AM |
| 12138 | Ruby master | Feature | Feedback | Support `Kernel#load_with_env(filename, cbase: SomeMod, cref: someMod, binding: SomeMod) # => obj`                            |                           | 09/29/2016 11:44 PM |
| 12858 | Ruby master | Feature | Open     | Supporting batch-requiring of files in ruby   |                           | 10/23/2016 08:05 AM |
| 6806  | Ruby master | Feature | Feedback | Support functional programming: forbid instance/class variables for ModuleName::method_name, allow for ModuleName.method_name | matz (Yukihiro Matsumoto) | 12/10/2020 08:53 AM |

| #     | Project     | Tracker | Status   | Subject   | Assignee                  | Updated             |
|-------|-------------|---------|----------|---|---------------------------|---------------------|
| 7708  | Ruby master | Feature | Open     | support for patches list  |                           | 12/25/2017 06:15 PM |
| 9830  | Ruby master | Feature | Assigned | Support for GOST private/public keys  |                           | 09/13/2015 03:10 AM |
| 11539 | Ruby master | Feature | Open     | Support explicit declaration of volatile instance variables   |                           | 01/26/2021 03:30 PM |
| 9445  | Ruby master | Feature | Open     | Support emitting 1.9 Symbol keyword Hash syntax when pretty printing Hashes                                     |                           | 01/24/2014 06:01 AM |
| 8263  | CommonRuby  | Feature | Assigned | Support discovering yield state of individual Fibers  | ko1 (Koichi Sasada)       | 02/08/2018 10:01 AM |
| 15024 | Ruby master | Feature | Open     | Support block in Array#join   |                           | 08/25/2018 05:05 AM |
| 17638 | Ruby master | Feature | Assigned | Support backtracing with the libbacktrace library   | naruse (Yui NARUSE)       | 03/05/2021 03:40 PM |
| 17616 | Ruby master | Feature | Open     | Support backtracing on Linux with non-GNU-libc + libunwind  |                           | 02/09/2021 01:12 PM |
| 18351 | Ruby master | Feature | Open     | Support anonymous rest and keyword rest argument forwarding   | matz (Yukihiro Matsumoto) | 11/29/2021 06:25 PM |
| 12861 | Ruby master | Feature | Feedback | super in a block can be either lexically or dynamically scoped depending on how the block is invoked            | matz (Yukihiro Matsumoto) | 12/21/2016 05:20 PM |
| 14164 | Ruby master | Feature | Open     | [Suggestion] Type system for ruby 3x to be usable for e. g. rubocop or autogenerating crystal code and so forth |                           | 08/12/2019 08:15 AM |
| 17627 | Ruby master | Feature | Open     | Suggestion: Implement `freeze_values` instance method on collection-like classes.                               |                           | 02/16/2021 07:58 PM |
| 8981  | Ruby master | Feature | Feedback | Suggestion for CreateProcess flags with rubyw on windows  | cruby-windows             | 01/05/2018 09:00 PM |
| 16122 | Ruby master | Feature | Feedback | Struct::Value: simple immutable value object  |                           | 04/10/2020 12:13 PM |
| 16638 | Ruby master | Feature | Open     | Structured Data for Syslog  |                           | 02/17/2020 07:06 PM |
| 10585 | Ruby master | Feature | Open     | struct: speedup struct.attr = v for first 10 attributes and struct[:attr] for big structs                       |                           | 06/30/2015 08:18 PM |
| 12416 | Ruby master | Feature | Open     | struct rb_id_table lacks mark function  |                           | 09/22/2020 07:43 PM |
| 12719 | Ruby master | Feature | Feedback | `Struct#merge` for partial updates  |                           | 09/29/2021 09:16 PM |
| 7349  | Ruby master | Feature | Assigned | Struct#inspect needs more meaningful output   | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 16806 | Ruby master | Feature | Assigned | Struct#initialize accepts keyword arguments too by default  | kOkubun (Takashi Kokubun) | 01/19/2021 12:05 AM |
| 12380 | Ruby master | Feature | Open     | `Struct` as a subclass of `Class`   |                           | 05/14/2016 08:28 AM |
| 7845  | CommonRuby  | Feature | Open     | Strip doesn't handle unicode space characters in ruby 1.9.2 & 1.9.3 (does in 1.9.1)                             |                           | 05/07/2013 10:03 AM |
| 10331 | Ruby master | Feature | Open     | String#to_r to recognize negative denominators  |                           | 10/06/2014 02:44 PM |
| 14417 | Ruby master | Feature | Feedback | String#sub / String#gsub Symbol Hash  |                           | 02/04/2018 01:05 PM |
| 10152 | Ruby master | Feature | Open     | String#strip doesn't remove non-breaking space  |                           | 04/12/2015 07:36 PM |
| 16666 | Ruby master | Feature | Open     | 'string' - 'str' as a shortcut for 'string'.gsub('str', '')?  |                           | 03/01/2020 08:38 PM |
| 5558  | Ruby master | Feature | Assigned | String#% strange arity errors   | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 17771 | Ruby master | Feature | Open     | String#start_with? should not construct MatchData or set \$~  |                           | 04/02/2021 02:49 PM |
| 12304 | Ruby master | Feature | Feedback | String#split with a block   |                           | 04/21/2016 12:29 AM |



| #     | Project     | Tracker | Status   | Subject  | Assignee                   | Updated             |
|-------|-------------|---------|----------|--|----------------------------|---------------------|
| 15562 | Ruby master | Feature | Open     | `String#split` option to suppress the initial empty substring  |                            | 01/28/2019 03:32 AM |
| 15151 | Ruby master | Feature | Open     | String#slice!(0,...) creates a duplicate of original string  |                            | 06/20/2019 03:37 PM |
| 6802  | Ruby master | Feature | Assigned | String#scan should have equivalent yielding MatchData  | matz (Yukihiro Matsumoto)  | 12/25/2017 06:15 PM |
| 9116  | Ruby master | Feature | Open     | String#rsplit missing  |                            | 04/27/2017 10:00 AM |
| 9807  | Ruby master | Feature | Open     | String.new with block  |                            | 05/07/2014 05:54 AM |
| 12745 | Ruby master | Feature | Feedback | String#(g)sub(!) should pass a MatchData to the block, not a String  | matz (Yukihiro Matsumoto)  | 11/03/2021 11:46 PM |
| 16790 | Ruby master | Feature | Open     | string format and refinements  |                            | 04/16/2020 03:06 AM |
| 13025 | Ruby master | Feature | Feedback | String equality operator does not perform implicit conversion  |                            | 12/12/2016 07:18 AM |
| 5606  | Ruby master | Feature | Feedback | String#each_match(regex)   |                            | 12/25/2017 06:15 PM |
| 15588 | Ruby master | Feature | Open     | String#each_chunk and #chunks  |                            | 12/25/2019 04:28 AM |
| 14783 | Ruby master | Feature | Open     | String#chars_at / String#bytes_at  |                            | 05/24/2018 01:18 PM |
| 17682 | Ruby master | Feature | Open     | String#casecmp performance improvement   |                            | 03/24/2021 02:29 PM |
| 15899 | Ruby master | Feature | Open     | String#before and String#after   |                            | 11/04/2019 08:57 PM |
| 13303 | Ruby master | Feature | Feedback | String#any? as !String#empty?  | matz (Yukihiro Matsumoto)  | 02/23/2021 05:14 PM |
| 16017 | Ruby master | Feature | Feedback | String and Array Slices  |                            | 07/24/2019 07:28 AM |
| 15425 | Ruby master | Feature | Feedback | Store MJIT header into Ruby versioned directory.   | kOkubun (Takashi Kokubun)  | 10/07/2021 11:03 PM |
| 18367 | Ruby master | Feature | Open     | Stop the interpreter from escaping error messages  |                            | 12/01/2021 08:16 AM |
| 15668 | Ruby master | Feature | Open     | stdlib: Date - Time should return the difference in days   |                            | 03/15/2019 07:09 AM |
| 8269  | Ruby master | Feature | Feedback | stdlib: Add Find.each_file to accompany Find.find  |                            | 06/02/2013 03:53 PM |
| 17148 | Ruby master | Feature | Open     | stdbuf(1) support  |                            | 09/07/2020 04:12 AM |
| 10228 | Ruby master | Feature | Feedback | Statistics module  |                            | 11/10/2014 11:01 PM |
| 18227 | Ruby master | Feature | Open     | Static class initialization.   | ioquatix (Samuel Williams) | 09/29/2021 09:21 PM |
| 17859 | Ruby master | Feature | Open     | Start IRB when running just `ruby`   |                            | 05/14/2021 07:54 AM |
| 8619  | CommonRuby  | Feature | Open     | Standard Profiling API   |                            | 07/11/2013 05:53 PM |
| 11028 | Ruby master | Feature | Assigned | standalone running single file ( zipped archives of ruby code) running <b>**without installation**</b> using "gem install ..." | matz (Yukihiro Matsumoto)  | 04/04/2015 01:44 AM |
| 16511 | Ruby master | Feature | Open     | Staged warnings and better compatibility for keyword arguments in 2.7.1  |                            | 02/25/2020 06:54 PM |
| 6133  | Ruby master | Feature | Assigned | SSLSocket#shutdown   |                            | 09/13/2015 03:22 AM |
| 8688  | Ruby master | Feature | Open     | #sprintf should accept strings as keys   |                            | 07/26/2013 02:33 AM |
| 18190 | Ruby master | Feature | Open     | Split `Random::Formatter` from securerandom  |                            | 09/23/2021 08:24 AM |

| #     | Project     | Tracker | Status   | Subject   | Assignee                       | Updated             |
|-------|-------------|---------|----------|---|--------------------------------|---------------------|
| 14737 | Ruby master | Feature | Assigned | Split default gems into separate directory structure  | hsbt (Hiroshi SHIBATA)         | 09/02/2020 06:00 PM |
| 15281 | Ruby master | Feature | Assigned | Speed up Set#intersect with size check.   | knu (Akinori MUSHA)            | 08/11/2020 02:43 AM |
| 12639 | Ruby master | Feature | Assigned | Speed up require in RubyGems by 5x  | hsbt (Hiroshi SHIBATA)         | 07/26/2018 02:12 AM |
| 16451 | Ruby master | Feature | Open     | Special ternary operator for methods ending in `?`  |                                | 12/26/2019 09:03 PM |
| 17127 | Ruby master | Feature | Open     | Some TrueClass methods are faster if implemented in Ruby  |                                | 11/05/2020 07:11 AM |
| 15833 | Ruby master | Feature | Open     | Some refactors for shared-root array  |                                | 07/29/2019 07:13 AM |
| 12075 | Ruby master | Feature | Feedback | some container#nonempty?  | matz (Yukihiro Matsumoto)      | 10/07/2021 03:11 AM |
| 16476 | Ruby master | Feature | Open     | Socket.getaddrinfo cannot be interrupted by Timeout.timeout   | Glass_saga (Masaki Matsushita) | 12/28/2020 10:41 AM |
| 11388 | Ruby master | Feature | Open     | SMTP Service Extension for Delivery Status Notifications  |                                | 02/06/2018 11:37 AM |
| 13174 | Ruby master | Feature | Open     | Smaller id_table on 64bit platform  |                                | 01/31/2017 02:05 PM |
| 6256  | Ruby master | Feature | Feedback | Slightly improve ruby_qsort performance   | MartinBosslet (Martin Bosslet) | 01/10/2019 01:51 PM |
| 13620 | Ruby master | Feature | Open     | Simplifying MRI's build system: always make install   |                                | 07/08/2018 09:41 AM |
| 14565 | Ruby master | Feature | Open     | Simpler, one-liner, failsafe require in ruby? [Suggested names: require_failsafe, require_safe, require_try, require_add) |                                | 10/09/2019 05:42 AM |
| 6263  | Ruby master | Feature | Feedback | Simple access to toplevel object (main)   |                                | 12/25/2017 06:15 PM |

...