

## Issues

| #     | Project     | Tracker | Status   | Subject  | Assignee                   | Updated             |
|-------|-------------|---------|----------|--|----------------------------|---------------------|
| 17383 | Ruby master | Bug     | Open     | 3.0 recursion memory speed issues  |                            | 12/09/2020 05:41 PM |
| 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 |
| 17676 | Ruby master | Bug     | Assigned | Accessing ENV from Ractor raises IsolationError  | ko1 (Koichi Sasada)        | 03/09/2021 02:37 AM |
| 18193 | Ruby master | Bug     | Open     | Accessing global configuration from Ractors  |                            | 09/27/2021 10:05 AM |
| 18123 | Ruby master | Bug     | Open     | addr2line.c: Define `SHF_COMPRESSED`   |                            | 08/20/2021 11:19 AM |
| 18121 | Ruby master | Bug     | Open     | addr2line.c: Endianness  |                            | 08/19/2021 05:09 PM |
| 18131 | Ruby master | Bug     | Open     | addr2line.c: Some inlined functions mistakenly shown   |                            | 08/24/2021 07:59 PM |
| 17810 | Ruby master | Bug     | Open     | addr2line.c: Some symbol names missing in C backtrace with Clang/LLVM  |                            | 04/30/2021 02:11 PM |
| 18081 | Ruby master | Bug     | Open     | addr2line.c: Wrong section for `DW_AT_ranges`  |                            | 08/17/2021 02:09 PM |
| 11514 | Ruby master | Bug     | Open     | AIX6.1 - Ruby 2.2.3 - Segmentation fault in :byteslice   |                            | 09/18/2015 07:39 AM |
| 8973  | Ruby master | Bug     | Open     | Allow to configure archlibdir for multiarch  | nobu (Nobuyoshi Nakada)    | 12/30/2019 03:00 AM |
| 18250 | Ruby master | Bug     | Open     | Anonymous variables seem to break `Ractor.make_shareable`  |                            | 10/13/2021 07:46 AM |
| 13164 | Ruby master | Bug     | Open     | A second `SystemStackError` exception results in `Segmentation fault (core dumped)`                                      |                            | 04/14/2017 01:05 PM |
| 16185 | Ruby master | Bug     | Open     | basicstest failure on AIX 6.1 for 64bit build  | kanemoto (Yutaka Kanemoto) | 10/15/2019 12:05 AM |
| 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 |
| 8826  | Ruby master | Bug     | Assigned | BigDecimal#div and #quo different behavior and inconsistencies   | mrkn (Kenta Murata)        | 05/20/2018 06:55 PM |
| 13754 | Ruby master | Bug     | Assigned | bigdecimal with lower precision than Float   | mrkn (Kenta Murata)        | 05/20/2018 09:16 PM |
| 16143 | Ruby master | Bug     | Open     | BOM UTF-8 is not removed after rewind  |                            | 10/17/2019 06:30 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 |
| 17882 | Ruby master | Bug     | Open     | bootstrapstest/test_ractor.rb:224 segfaults on Cygwin  |                            | 09/18/2021 06:51 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 |
| 12179 | Ruby master | Bug     | Open     | Build failure due to VPATH expansion   |                            | 04/14/2016 01:55 AM |
| 9189  | Ruby master | Bug     | Assigned | Build failure on Windows in case of nonascii TEMP environment.   |                            | 01/05/2018 09:00 PM |
| 10213 | Ruby master | Bug     | Assigned | bundled gems ignored by make install   | hsbt (Hiroshi SHIBATA)     | 12/30/2019 03:00 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 |
| 18050 | Ruby master | Bug     | Open     | Cannot build ruby-2.7.4 on NetBSD  |                            | 07/29/2021 06:47 AM |
| 18049 | Ruby master | Bug     | Feedback | Cannot build ruby-3.0.2 on NetBSD  |                            | 08/01/2021 12:36 AM |

| #     | Project     | Tracker | Status   | Subject  | Assignee                | Updated             |
|-------|-------------|---------|----------|--|-------------------------|---------------------|
| 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 |
| 17989 | Ruby master | Bug     | Open     | Case insensitive Regexp do not handle characters with overlapping case foldings                                      |                         | 06/15/2021 11:43 AM |
| 18010 | Ruby master | Bug     | Open     | Character class with single character gets case-folded with following string   |                         | 06/28/2021 09:30 AM |
| 17646 | Ruby master | Bug     | Open     | Check for `__builtin_mul_overflow` with `long long` arguments  |                         | 02/19/2021 06:19 PM |
| 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 |
| 11142 | Ruby master | Bug     | Open     | Command line argument parser on windows handles double quotes inconsistently.  | usa (Usaku NAKAMURA)    | 05/12/2015 04:09 PM |
| 17931 | Ruby master | Bug     | Open     | Compile fails setup option nodynamic   |                         | 07/07/2021 08:51 AM |
| 5179  | Ruby master | Bug     | Assigned | Complex#rationalize and to_r with approximate zeros  | mrkn (Kenta Murata)     | 01/17/2020 03:00 AM |
| 9010  | Ruby master | Bug     | Assigned | ./configure --prefix= cannot handle directories with spaces  | nobu (Nobuyoshi Nakada) | 04/26/2021 10:38 PM |
| 16836 | Ruby master | Bug     | Assigned | configure-time LDFLAGS leak into ruby pkg-config file  | nobu (Nobuyoshi Nakada) | 08/14/2021 09:10 AM |
| 16951 | Ruby master | Bug     | Assigned | Consistently referer dependencies  | hsbt (Hiroshi SHIBATA)  | 06/17/2021 06:15 AM |
| 15928 | Ruby master | Bug     | Open     | Constant declaration does not conform to JIS 3017:2013   |                         | 06/07/2021 03:41 PM |
| 17573 | Ruby master | Bug     | Open     | Crashes in profiling tools when signals arrive in non-Ruby threads   | ko1 (Koichi Sasada)     | 03/30/2021 12:15 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 |
| 11183 | Ruby master | Bug     | Open     | Cumulative error on Complex::l ** 10000000000000000000000000000000   |                         | 05/26/2015 08:32 AM |
| 9409  | Ruby master | Bug     | Open     | Cygwin "filesystem" encoding ??????????  |                         | 12/30/2019 03:00 AM |
| 17996 | Ruby master | Bug     | Open     | Cygwin: thread + pipe behavior since Ruby 2.6  |                         | 06/17/2021 03:59 AM |
| 13999 | Ruby master | Bug     | Assigned | Cygwin ripper_state_lex.rb ??????????  | aycabta (aycabta .)     | 11/06/2018 04:51 PM |
| 11177 | Ruby master | Bug     | Open     | DATA EOF ??????????  |                         | 05/25/2015 03:49 AM |
| 18120 | Ruby master | Bug     | Open     | Deadlock and segfault when using autoload in Ractor  |                         | 08/19/2021 05:05 PM |
| 15598 | Ruby master | Bug     | Open     | Deadlock on mutual reference of autoloaded constants   |                         | 03/20/2019 10:58 AM |
| 6360  | Ruby master | Bug     | Assigned | Debug information build even without requesting it   | nobu (Nobuyoshi Nakada) | 01/05/2018 09:00 PM |
| 17722 | Ruby master | Bug     | Open     | define_method with shareable results in "defined in a different Ractor"  |                         | 08/24/2021 12:03 PM |
| 17531 | Ruby master | Bug     | Open     | `did_you_mean` not Ractor friendly   | ko1 (Koichi Sasada)     | 01/29/2021 08:48 AM |
| 11808 | Ruby master | Bug     | Open     | Different behavior between Enumerable#grep and Array#grep  | ko1 (Koichi Sasada)     | 10/26/2020 04:36 AM |
| 17337 | Ruby master | Bug     | Open     | Don't embed Ruby build-time configuration in Ruby  |                         | 12/21/2020 04:17 PM |
| 8782  | Ruby master | Bug     | Assigned | Don't set rl_getc_function on editline   | kouji (Kouji Takao)     | 01/05/2018 09:00 PM |
| 15315 | Ruby master | Bug     | Open     | ec_switch can still lose interrupts  | ko1 (Koichi Sasada)     | 11/20/2018 09:32 AM |

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|-------|-------------|---------|----------|---|------------------------------------|---------------------|
| 13220 | Ruby master | Bug     | Feedback | Enhance support of Unicode strings manipulation   |                                    | 06/14/2019 08:58 PM |
| 12590 | Ruby master | Bug     | Open     | Error compiling parse.c on cygwin   | nobu (Nobuyoshi Nakada)            | 07/18/2016 04:09 AM |
| 14971 | Ruby master | Bug     | Open     | error: implicit declaration of function 'rb_vm_call0  | nobu (Nobuyoshi Nakada)            | 09/06/2018 03:53 AM |
| 11840 | Ruby master | Bug     | Open     | Error with "make check" on Cygwin   | nobu (Nobuyoshi Nakada)            | 12/29/2019 10:32 AM |
| 18170 | Ruby master | Bug     | Assigned | Exception#inspect should not include newlines   | mame (Yusuke Endoh)                | 10/21/2021 05:08 AM |
| 16829 | Ruby master | Bug     | Open     | Exceptions raised from within an enumerated method lose part of their stacktrace                        |                                    | 05/05/2020 09:06 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 |
| 18076 | Ruby master | Bug     | Open     | ext/digest/md5/md5.c: `Wnull-pointer-subtraction` warning by Clang 13                                   |                                    | 10/13/2021 03:42 PM |
| 17159 | Ruby master | Bug     | Open     | extend `define_method` for Ractor   |                                    | 10/29/2020 04:06 PM |
| 17263 | Ruby master | Bug     | Open     | Fiber context switch degrades with number of fibers, limit on number of fibers                          |                                    | 10/22/2020 10:43 AM |
| 595   | Ruby master | Bug     | Assigned | Fiber ignores ensure clause   | ioquatix (Samuel Williams)         | 12/29/2019 10:37 AM |
| 13151 | Ruby master | Bug     | Open     | File.writable? doesn't report correctly if a directory is writable on Windows.                          |                                    | 01/23/2017 05:46 PM |
| 18152 | Ruby master | Bug     | Open     | Fix theoretical bug with signals + qsort  |                                    | 09/08/2021 03:38 PM |
| 14607 | Ruby master | Bug     | Open     | Fix use of the rb_profile_frames start parameter  |                                    | 04/20/2021 09:59 PM |
| 17516 | Ruby master | Bug     | Open     | forking in a ractor causes Ruby to crash  |                                    | 01/07/2021 04:27 PM |
| 15423 | Ruby master | Bug     | Open     | fork leapfrog leaks memory on FreeBSD 11.2  |                                    | 12/16/2018 02:28 PM |
| 11164 | Ruby master | Bug     | Assigned | Garbage collector in Ruby 2.2 provokes unexpected CoW   | authorNari (Narihiro Nakamura)     | 05/26/2015 06:29 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 |
| 10919 | Ruby master | Bug     | Assigned | [gem install] installs multiple platforms   | hsbt (Hiroshi SHIBATA)             | 07/30/2019 07:44 AM |
| 9921  | Ruby master | Bug     | Open     | gmtime_r, win32.h, and <string>   |                                    | 12/30/2019 03:00 AM |
| 11450 | Ruby master | Bug     | Open     | HTTPHeader.content_range throws error on non-byte units   |                                    | 09/29/2015 12:50 PM |
| 17656 | Ruby master | Bug     | Open     | Improper functions shown in C level backtrace information   |                                    | 03/05/2021 02:53 PM |
| 17866 | Ruby master | Bug     | Assigned | Incompatible changes with Psych 4.0.0   | tenderlovemaking (Aaron Patterson) | 05/23/2021 10:42 PM |
| 17990 | Ruby master | Bug     | Open     | Inconsistent behavior of Regexp quantifiers over characters with complex case foldings                  |                                    | 06/15/2021 11:59 AM |
| 17400 | Ruby master | Bug     | Open     | Incorrect character downcase for Greek Sigma  | duerst (Martin Dürst)              | 12/17/2020 06:56 AM |
| 18060 | Ruby master | Bug     | Open     | Infinite loop when b_return TracePoint raises   |                                    | 08/03/2021 09:31 PM |
| 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 |
| 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 |

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|-------|-------------|---------|----------|---|---------------------------|---------------------|
| 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 |
| 12280 | Ruby master | Bug     | Open     | IO.copy_stream(IO, IO) fails with "pread() not implemented"   |                           | 04/28/2016 05:51 AM |
| 18255 | Ruby master | Bug     | Open     | ioctl zeroes the last buffer byte   |                           | 10/21/2021 01:34 PM |
| 16997 | Ruby master | Bug     | Open     | IO#gets converts some \r\n to \n with universal_newline: false  |                           | 08/26/2020 05:20 PM |
| 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 |
| 10009 | Ruby master | Bug     | Open     | IO operation is 10x slower in multi-thread environment  | ko1 (Koichi Sasada)       | 05/21/2015 07:19 AM |
| 14434 | Ruby master | Bug     | Open     | IO#reopen fails after EPIPE   |                           | 09/10/2020 06:27 PM |
| 15367 | Ruby master | Bug     | Open     | IO.select is not resumed when io-object gets closed   |                           | 12/03/2018 10:22 AM |
| 11531 | Ruby master | Bug     | Assigned | IPAddr#== implements wrong logic  | knu (Akinori MUSHI)       | 12/29/2019 12:50 PM |
| 9955  | Ruby master | Bug     | Assigned | issue building dll on mingw, library not found  | nobu (Nobuyoshi Nakada)   | 01/05/2018 09:00 PM |
| 17008 | Ruby master | Bug     | Feedback | JIT enabled on Windows can cause constant conhost pop-ups   | k0kubun (Takashi Kokubun) | 07/03/2020 08:29 PM |
| 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 |
| 16694 | Ruby master | Bug     | Assigned | JIT vs hardened GCC with PCH  | k0kubun (Takashi Kokubun) | 02/02/2021 07:38 AM |
| 9435  | Ruby master | Bug     | Open     | Kernel.system problem   |                           | 12/30/2019 03:00 AM |
| 16820 | Ruby master | Bug     | Open     | LEGAL is out of sync  |                           | 08/19/2020 11:08 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 |
| 18066 | Ruby master | Bug     | Open     | Load did_you_mean/error_highlight even with --disable-gems  |                           | 08/11/2021 06:46 PM |
| 15787 | Ruby master | Bug     | Feedback | LoadError by EPERM on read-only volume  |                           | 12/29/2019 06:46 AM |
| 8677  | Ruby master | Bug     | Open     | \$LOAD_PATH did not encoded into the "internal encoding"  |                           | 12/30/2019 03:00 AM |
| 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 |
| 9115  | Ruby master | Bug     | Assigned | Logger traps all exceptions; breaks Timeout   | sonots (Naotoshi Seo)     | 08/20/2019 12:47 PM |
| 18133 | Ruby master | Bug     | Open     | LTO: TestGCCCompact#test_ast_compacts segfaults on i686   |                           | 08/25/2021 03:30 PM |
| 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 |
| 14543 | Ruby master | Bug     | Assigned | `make commit` show error of `common-srcs`   | nobu (Nobuyoshi Nakada)   | 06/02/2018 04:17 AM |
| 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 |
| 17840 | Ruby master | Bug     | Open     | `make install` overriding file permission with 644  |                           | 04/30/2021 03:06 PM |
| 9366  | Ruby master | Bug     | Assigned | "make -j32 check TESTS=-j32" occasionally fails on rubygems/specification   | hsbt (Hiroshi SHIBATA)    | 07/26/2018 02:13 AM |
| 17792 | Ruby master | Bug     | Open     | make notes and make test fail with Ruby3.0.1p64 RaspberryPI 4B Ubuntu 20.10 ARM64   |                           | 05/23/2021 08:23 PM |

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|-------|-------------|---------|----------|---|---------------------------|---------------------|
| 12440 | Ruby master | Bug     | Feedback | make test-all is not working on cygwin  | nobu (Nobuyoshi Nakada)   | 05/31/2016 09:46 AM |
| 4434  | Ruby master | Bug     | Feedback | make test-all "-j10000" □□□□□□□□□□□□□□□□  | sorah (Sorah Fukumori)    | 12/25/2017 06:14 PM |
| 17513 | Ruby master | Bug     | Open     | Methods of shareable objects and UnboundMethods should be shareable                                   | ko1 (Koichi Sasada)       | 01/06/2021 08:53 PM |
| 7892  | Ruby master | Bug     | Open     | MIME encoding bug of NKF.nkf  | naruse (Yui NARUSE)       | 12/25/2017 06:15 PM |
| 14906 | Ruby master | Bug     | Open     | MinGW failure - TestIO#test_copy_stream_no_busy_wait  |                           | 07/12/2018 03:52 AM |
| 14957 | Ruby master | Bug     | Open     | MinGW, gcc 8.2.0, bootstrapest test_thread.rb - failure ?   |                           | 08/03/2018 02:46 PM |
| 13298 | Ruby master | Bug     | Assigned | mingw SEGV TestEnumerable#test_callcc   | nobu (Nobuyoshi Nakada)   | 06/04/2021 03:41 AM |
| 13500 | Ruby master | Bug     | Open     | MinGW TestArity#test_proc_err_mess stops testing  |                           | 04/26/2017 03:27 PM |
| 13485 | Ruby master | Bug     | Open     | MinGW TestEnumerable#test_callcc SEGV info  |                           | 04/19/2017 04:17 PM |
| 13542 | Ruby master | Bug     | Open     | MinGW trunk Builds - Summary of Issues  |                           | 05/19/2017 07:04 PM |
| 14480 | Ruby master | Bug     | Open     | miniruby crashing when compiled with -O2 or -O1 on aarch64  |                           | 02/23/2021 10:35 AM |
| 8299  | Ruby master | Bug     | Assigned | Minor error in float parsing  | nobu (Nobuyoshi Nakada)   | 12/30/2019 03:00 AM |
| 15599 | Ruby master | Bug     | Open     | Mixing autoload and require causes deadlock and incomplete definition.                                |                           | 02/12/2019 01:40 PM |
| 9760  | Ruby master | Bug     | Open     | mkmf does not allow for linking against custom libraries when a system library is present             |                           | 05/24/2016 08:11 AM |
| 17578 | Ruby master | Bug     | Assigned | mkmf experimental C++ Support   | nobu (Nobuyoshi Nakada)   | 01/27/2021 03:51 AM |
| 17354 | Ruby master | Bug     | Open     | Module#const_source_location is misleading for constants awaiting autoload                            |                           | 03/26/2021 05:56 PM |
| 17667 | Ruby master | Bug     | Open     | Module#name needs synchronization   | ko1 (Koichi Sasada)       | 03/02/2021 07:31 AM |
| 11779 | Ruby master | Bug     | Feedback | Module#using does not make sense as a method  | matz (Yukihiro Matsumoto) | 06/17/2021 09:58 AM |
| 14884 | Ruby master | Bug     | Feedback | msys2 mingw32 'rake' has unexpected text at top of file   |                           | 07/04/2018 11:20 PM |
| 11438 | Ruby master | Bug     | Open     | native_thread_init_stack() get machine.stack_start unequal to thread's stack start address, x86 win32 | cruby-windows             | 08/13/2015 07:31 AM |
| 18031 | Ruby master | Bug     | Open     | Nested TracePoint#enable with define_method target crashes  |                           | 08/03/2021 09:18 PM |
| 14972 | Ruby master | Bug     | Assigned | Net::HTTP inconsistently raises EOFError when peer closes the connection                              | naruse (Yui NARUSE)       | 03/01/2021 09:20 PM |
| 16672 | Ruby master | Bug     | Assigned | net/http leaves original content-length header intact after inflating response                        | naruse (Yui NARUSE)       | 03/02/2021 10:01 PM |
| 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 |
| 17835 | Ruby master | Bug     | Open     | Net::HTTP should automatically add Accept-Encoding request header on HEAD request as well             |                           | 06/06/2021 09:56 AM |
| 12436 | Ruby master | Bug     | Open     | newline argument of File.open seems not respected on Windows  | usa (Usaku NAKAMURA)      | 10/19/2021 05:55 AM |
| 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 |
| 12506 | Ruby master | Bug     | Assigned | On cygwin, Feature #5994 does not work  | nobu (Nobuyoshi Nakada)   | 04/28/2017 01:45 PM |

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|-------|-------------|---------|----------|---|----------------------------------|---------------------|
| 11582 | Ruby master | Bug     | Open     | On Solaris, Rational#** returns -Infinity for Rational(0) when passed a negative Float        |                                  | 10/13/2015 03:12 AM |
| 12582 | Ruby master | Bug     | Assigned | OpenSSL Authenticated Encryption should check for tag length                                  | rhenium (Kazuki Yamaguchi)       | 04/28/2017 01:45 PM |
| 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 |
| 18079 | Ruby master | Bug     | Open     | [PATCH] make error for MinGW with Clang/LLVM + LLD  |                                  | 08/17/2021 03:52 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 |
| 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 |
| 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 |
| 18158 | Ruby master | Bug     | Open     | Pathname#each_entry without block does not return Enumerator                                  |                                  | 09/17/2021 07:33 PM |
| 14891 | Ruby master | Bug     | Open     | Pathname#join has different behaviour to File.join  |                                  | 02/18/2020 01:39 PM |
| 17925 | Ruby master | Bug     | Open     | Pattern matching syntax using semicolon one-line  |                                  | 06/04/2021 03:08 PM |
| 7968  | Ruby master | Bug     | Assigned | Poor UDPSocket#send performance in ruby 2.0.0 on windows                                      | cruby-windows                    | 10/23/2017 12:23 AM |
| 18036 | Ruby master | Bug     | Open     | Pthread fibers become invalid on fork - different from normal fibers.                         | ioquatix (Samuel Williams)       | 08/19/2021 07:05 AM |
| 17774 | Ruby master | Bug     | Open     | Quantified empty group causes regex to fail   |                                  | 10/13/2021 04:43 PM |
| 17146 | Ruby master | Bug     | Open     | Queue operations are allowed after it is frozen   |                                  | 10/20/2021 08:32 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 |
| 18128 | Ruby master | Bug     | Open     | Ractor allows class variables that have been used before                                      |                                  | 08/23/2021 10:05 PM |
| 17180 | Ruby master | Bug     | Open     | Ractor and constant referencing   |                                  | 09/20/2020 05:43 PM |
| 17359 | Ruby master | Bug     | Open     | Ractor copy mode is not Ractor-safe   | ko1 (Koichi Sasada)              | 12/02/2020 05:42 PM |
| 17677 | Ruby master | Bug     | Assigned | Ractor crashes fork when blocking   | ko1 (Koichi Sasada)              | 03/09/2021 12:42 AM |
| 18024 | Ruby master | Bug     | Open     | Ractor crashes when connections are closed in multiple Ractors                                |                                  | 08/31/2021 01:54 PM |
| 18119 | Ruby master | Bug     | Open     | Ractor crashes when instantiating classes   | ko1 (Koichi Sasada)              | 09/14/2021 01:42 AM |
| 17679 | Ruby master | Bug     | Assigned | Ractor incoming channel can consume unlimited resources                                       | ko1 (Koichi Sasada)              | 03/26/2021 09:16 AM |
| 18129 | Ruby master | Bug     | Open     | Ractor-incompatible global variables can be accessed through alias                            |                                  | 08/23/2021 10:08 PM |
| 17543 | Ruby master | Bug     | Open     | Ractor isolation broken by `self` in shareable proc   | ko1 (Koichi Sasada)              | 01/29/2021 03:06 PM |
| 17506 | Ruby master | Bug     | Open     | Ractor isolation broken by ThreadGroup  |                                  | 01/03/2021 08:05 PM |
| 18243 | Ruby master | Bug     | Open     | Ractor.make_shareable does not freeze the receiver of a Proc but allows accessing ivars of it |                                  | 10/06/2021 06:39 PM |
| 17998 | Ruby master | Bug     | Open     | ractor: process hanging (with ractors initialized, but not being used)                        |                                  | 06/17/2021 07:14 PM |
| 17624 | Ruby master | Bug     | Open     | Ractor.receive is not thread-safe   | ko1 (Koichi Sasada)              | 09/14/2021 01:40 AM |
| 17678 | Ruby master | Bug     | Assigned | Ractors do not restart after fork   | ko1 (Koichi Sasada)              | 03/09/2021 12:42 AM |
| 17489 | Ruby master | Bug     | Assigned | Ractor segfaults  | ko1 (Koichi Sasada)              | 01/05/2021 09:25 PM |
| 17529 | Ruby master | Bug     | Assigned | Ractor Segfaults with GC enabled  | ko1 (Koichi Sasada)              | 02/18/2021 07:26 AM |

| #     | Project     | Tracker | Status   | Subject  | Assignee                         | Updated             |
|-------|-------------|---------|----------|--|----------------------------------|---------------------|
| 18258 | Ruby master | Bug     | Open     | Ractor.shareable? can be slow and mutates internal object flags.   | ko1 (Koichi Sasada)              | 10/21/2021 08:58 AM |
| 17826 | Ruby master | Bug     | Open     | Ractor#take hangs if used in multiple Threads  |                                  | 04/25/2021 12:53 PM |
| 17349 | Ruby master | Bug     | Open     | Rake <code>XXXXXXXXXXXXXXXXXXXXXXXXXXXX</code>   |                                  | 08/13/2021 08:13 PM |
| 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 |
| 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 |
| 15428 | Ruby master | Bug     | Open     | Refactor Proc#>> and #<<   |                                  | 08/20/2021 06:31 PM |
| 14083 | Ruby master | Bug     | Open     | Refinement in block calling incorrect method   |                                  | 11/05/2017 07:36 PM |
| 11704 | Ruby master | Bug     | Assigned | Refinements only get "used" once in loop   | matz (Yukihiro Matsumoto)        | 04/14/2016 02:45 AM |
| 14103 | Ruby master | Bug     | Open     | Regexp absense operator has no chance to ^C  |                                  | 10/13/2021 03:48 PM |
| 14838 | Ruby master | Bug     | Open     | RegexpError with double "s" in look-behind assertion in case-insensitive unicode regexp                            |                                  | 06/09/2018 04:04 PM |
| 14364 | Ruby master | Bug     | Open     | Regexp last match variable in procs  |                                  | 09/14/2018 05:28 AM |
| 16145 | Ruby master | Bug     | Open     | regexp match error if mixing /i, character classes, and utf8   |                                  | 09/06/2019 05:52 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 |
| 8444  | Ruby master | Bug     | Open     | Regexp vars \$~ and friends are not thread local   | ko1 (Koichi Sasada)              | 07/30/2019 07:38 AM |
| 13671 | Ruby master | Bug     | Open     | Regexp with lookbehind and case-insensitivity raises RegexpError only on strings with certain characters           |                                  | 07/14/2021 11:47 PM |
| 16776 | Ruby master | Bug     | Open     | Regression in coverage library   |                                  | 04/18/2020 02:31 PM |
| 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 |
| 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 |
| 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 |
| 13864 | Ruby master | Bug     | Assigned | Rinda multicast test failures due to missing default route   | seki (Masatoshi Seki)            | 08/17/2021 07:16 AM |
| 17037 | Ruby master | Bug     | Open     | rounding of Rational#to_f  |                                  | 08/26/2020 03:54 AM |
| 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 |
| 14387 | Ruby master | Bug     | Open     | Ruby 2.5 Alpine Linux <code>XXXXXXXXXXXXXXXXXXXX</code> SystemStackError <code>XXXXXX</code>                       |                                  | 04/21/2020 03:13 PM |
| 14418 | Ruby master | Bug     | Open     | ruby 2.5 slow regexp execution   |                                  | 12/29/2019 10:34 AM |
| 17373 | Ruby master | Bug     | Open     | Ruby 3.0 is slower at Discourse bench than Ruby 2.7  |                                  | 01/04/2021 06:47 AM |
| 17478 | Ruby master | Bug     | Open     | Ruby3.0 is slower than Ruby2.7.2 when parsing a large CSV file   |                                  | 12/27/2020 09:09 AM |
| 10436 | Ruby master | Bug     | Open     | ruby -c and ripper inconsistency: m(&nil) {}   |                                  | 08/27/2019 12:08 AM |
| 14422 | Ruby master | Bug     | Open     | Ruby configuration options should not be reused for gem builds   |                                  | 03/05/2018 03:32 PM |
| 17142 | Ruby master | Bug     | Open     | Ruby fails to build in AIX   |                                  | 03/20/2021 07:08 AM |
| 11269 | Ruby master | Bug     | Assigned | ruby_init_setproctitle() should be called before require_libraries()   | kosaki (Motohiro KOSAKI)         | 06/17/2015 03:01 AM |





| #     | Project     | Tracker | Status   | Subject   | Assignee                 | Updated             |
|-------|-------------|---------|----------|---|--------------------------|---------------------|
| 9414  | Ruby master | Bug     | Feedback | strftime returns incorrectly encoded string   | nobu (Nobuyoshi Nakada)  | 01/05/2018 09:00 PM |
| 16497 | Ruby master | Bug     | Assigned | StringIO#internal_encoding is broken (more severely in 2.7)   | nobu (Nobuyoshi Nakada)  | 12/23/2020 06:35 AM |
| 17120 | Ruby master | Bug     | Open     | String#start_with? return wrong result for Regexp patterns containing ^K/                                   |                          | 08/13/2020 05:10 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 |
| 10584 | Ruby master | Bug     | Open     | String.valid_encoding?, String.ascii_only? fails to account for BOM.  |                          | 01/05/2018 09:01 PM |
| 18080 | Ruby master | Bug     | Open     | Syntax error on one-line pattern matching   |                          | 08/18/2021 12:38 AM |
| 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 |
| 4040  | Ruby master | Bug     | Assigned | SystemStackError with Hash[*a] for Large _a_  | ko1 (Koichi Sasada)      | 12/25/2017 06:14 PM |
| 18257 | Ruby master | Bug     | Open     | SystemTap/DTrace coredump on ppc64le/s390x  |                          | 10/21/2021 01:57 PM |
| 14681 | Ruby master | Bug     | Open     | `syswrite': stream closed in another thread (IOError)   |                          | 04/22/2018 12:12 AM |
| 17680 | Ruby master | Bug     | Open     | tab completion no longer works on irb3.0  |                          | 03/13/2021 08:06 AM |
| 14064 | Ruby master | Bug     | Open     | test-all with and without -j - incorrect assertions and missing test methods                                |                          | 11/03/2017 10:54 PM |
| 12442 | Ruby master | Bug     | Assigned | TestArgf#test_textmode fails on cygwin  | 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 |
| 12473 | Ruby master | Bug     | Assigned | Test failure on fedora with TestTimeExtension#test_huge_precision   | 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 |
| 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 |
| 17999 | Ruby master | Bug     | Open     | TestMethod#test_zsuper intermittent timeout error on raspbian10-aarch64 CI                                  |                          | 06/18/2021 01:33 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 |
| 10580 | Ruby master | Bug     | Open     | TestProcess#test_deadlock_by_signal_at_forking fails on ARM   | akr (Akira Tanaka)       | 12/30/2019 03:00 AM |
| 4173  | Ruby master | Bug     | Open     | TestProcess#test_wait_and_sigchild  |                          | 03/15/2018 08:29 AM |
| 14727 | Ruby master | Bug     | Assigned | TestQueue#test_queue_with_trap always timeout on Windows10  | ko1 (Koichi Sasada)      | 05/01/2018 02:59 AM |
| 13269 | Ruby master | Bug     | Assigned | test/readline/test_readline.rb and mingw  | nobu (Nobuyoshi Nakada)  | 03/13/2017 08:56 AM |
| 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 |
| 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 |
| 16493 | Ruby master | Bug     | Open     | TestThreadQueue#test_thr_kill is flaky on AArch64   |                          | 01/09/2020 09:39 AM |
| 14761 | Ruby master | Bug     | Open     | TestThread#test_join_limits hangs up on Solaris 10 with gcc   |                          | 05/16/2018 05:23 AM |
| 16920 | Ruby master | Bug     | Open     | TestThread#test_signal_at_join fails on aarch64   |                          | 05/29/2020 04:54 PM |

| #     | Project     | Tracker | Status   | Subject  | Assignee                  | Updated             |
|-------|-------------|---------|----------|--|---------------------------|---------------------|
| 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 |
| 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 |
| 8185  | Ruby master | Bug     | Open     | Thread/fork issue  |                           | 12/30/2019 03:00 AM |
| 17568 | Ruby master | Bug     | Feedback | Thread.handle_interrupt is per-Thread but should probably be per-Fiber                                 |                           | 09/16/2021 04:28 PM |
| 12689 | Ruby master | Bug     | Open     | Thread isolation of \$~ and \$_  |                           | 04/01/2021 08:51 PM |
| 15438 | Ruby master | Bug     | Open     | Threads can't switch faster than TIME_QUANTUM_(NSEC USEC MSEC)   |                           | 03/25/2019 08:53 PM |
| 11174 | Ruby master | Bug     | Open     | threads memory leak  | ko1 (Koichi Sasada)       | 06/17/2019 03:17 PM |
| 15644 | Ruby master | Bug     | Assigned | ThreadsWait problems with Thread#report_on_exception   | keiju (Keiju Ishitsuka)   | 10/17/2019 06:49 PM |
| 18144 | Ruby master | Bug     | Open     | Timeout not working while regular expression match is running  |                           | 09/02/2021 07:08 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 |
| 18132 | Ruby master | Bug     | Open     | TODO: fix ccan/list thread safety  |                           | 08/25/2021 07:19 AM |
| 7976  | Ruby master | Bug     | Assigned | TracePoint call is at call point, not call site  | ko1 (Koichi Sasada)       | 01/05/2018 09:00 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 |
| 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 |
| 13392 | Ruby master | Bug     | Open     | TracePoint return event location is incorrect for methods defined with define_method                   |                           | 08/03/2021 09:47 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 |
| 12725 | Ruby master | Bug     | Assigned | Trying to use ./miniruby before it exists  | nobu (Nobuyoshi Nakada)   | 04/28/2017 01:45 PM |
| 14582 | Ruby master | Bug     | Open     | Unable to use `method__entry` and `method_return` tracing probes since 2.5                             |                           | 06/18/2021 06:08 PM |
| 18244 | Ruby master | Bug     | Feedback | Unexpected errors output order   |                           | 10/08/2021 10:48 AM |
| 18013 | Ruby master | Bug     | Open     | Unexpected results when mxiing negated character classes and case-folding                              |                           | 06/29/2021 12:05 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 |
| 17420 | Ruby master | Bug     | Open     | Unsafe mutation of \$" when doing non-RubyGems require in Ractor                                       | ko1 (Koichi Sasada)       | 01/07/2021 01:23 PM |
| 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 |
| 12235 | Ruby master | Bug     | Open     | URI.encode issue with square brackets  |                           | 07/20/2021 08:47 AM |
| 12852 | Ruby master | Bug     | Open     | URI.parse can't handle non-ascii URIs  | akira (akira yamada)      | 12/12/2016 06:39 PM |
| 17132 | Ruby master | Bug     | Feedback | vcs.rb doesn't detect git submodules as vcs  |                           | 08/31/2020 11:31 AM |
| 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 |
| 16959 | Ruby master | Bug     | Open     | Weakmap has specs and third-party usage despite being a private API                                    |                           | 06/13/2020 08:54 PM |

| #     | Project     | Tracker | Status   | Subject  | Assignee                             | Updated             |
|-------|-------------|---------|----------|--|--------------------------------------|---------------------|
| 18247 | Ruby master | Bug     | Open     | weird results for `Array#slice` or `Array#[]` with argument of type `Enumerator::ArithmeticSequence`                           |                                      | 10/08/2021 03:56 PM |
| 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 |
| 15764 | Ruby master | Bug     | Open     | Whitespace and control characters should not be permitted in tokens  | matz (Yukihiro Matsumoto)            | 04/22/2019 07:48 AM |
| 9208  | Ruby master | Bug     | Assigned | Win32 ANSI color no longer works since revision 43331  | nobu (Nobuyoshi Nakada)              | 12/30/2019 03:00 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 |
| 12040 | Ruby master | Bug     | Assigned | [Win32] File.stat fails on a mounted volume  | cruby-windows                        | 02/01/2016 08:13 AM |
| 11410 | Ruby master | Bug     | Feedback | Win32 Registry enumeration performs unnecessary string re-encoding which cause UndefinedConversionError exceptions             |                                      | 08/13/2015 06:57 AM |
| 16953 | Ruby master | Bug     | Feedback | Windows bash bin files removed in master   |                                      | 10/15/2021 01:57 AM |
| 15550 | Ruby master | Bug     | Assigned | Windows - gem bin files - can't run from bash shell  | hsbt (Hiroshi SHIBATA)               | 03/20/2019 01:05 AM |
| 13644 | Ruby master | Bug     | Open     | Windows - Setting Time.now   |                                      | 06/11/2017 03:43 AM |
| 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 |
| 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 |
| 18260 | Ruby master | Bug     | Open     | YJIT uses insecure mmap protections  | maximecb (Maxime Chevalier-Boisvert) | 10/21/2021 03:58 PM |
| 15166 | Ruby master | Feature | Assigned | 2.5 times faster implementation than current gcd implementation  | watson1978 (Shizuo Fujita)           | 04/26/2019 09:12 PM |
| 12042 | Ruby master | Feature | Feedback | A better interface that returns a list of local variables available where the exception is raised                              |                                      | 02/03/2016 05:10 AM |
| 12133 | Ruby master | Feature | Feedback | Ability to exclude start when defining a range   |                                      | 04/07/2021 06:49 AM |
| 12272 | Ruby master | Feature | Open     | Accepting HTML entity name in string literal   |                                      | 04/13/2016 05:16 AM |
| 12247 | Ruby master | Feature | Open     | accept multiple arguments at Array#delete  |                                      | 04/04/2016 10:16 PM |
| 9347  | Ruby master | Feature | Open     | Accept non callable argument to detect   | marcandre (Marc-Andre Lafortune)     | 01/05/2018 09:00 PM |
| 16381 | Ruby master | Feature | Open     | Accept resolv_timeout in Net::HTTP   |                                      | 11/29/2019 04:38 PM |
| 12655 | Ruby master | Feature | Feedback | Accessing the method visibility  |                                      | 12/24/2019 04:42 AM |
| 9992  | Ruby master | Feature | Open     | Access Modifiers (Internal Interfaces)   |                                      | 12/18/2017 03:04 PM |
| 15612 | Ruby master | Feature | Feedback | A construct to restrict the scope of local variables   |                                      | 02/20/2019 01:55 AM |
| 12867 | CommonRuby  | Feature | Open     | Add ability to check validity of a URL   |                                      | 10/24/2016 12:13 PM |
| 17834 | Ruby master | Feature | Open     | Add a Bytes and ByteArray class that implement memoryview  |                                      | 05/06/2021 02:22 PM |
| 18168 | Ruby master | Feature | Open     | Add ActiveSupport deep_transform_values to Ruby  |                                      | 09/15/2021 05:29 AM |

| #     | Project     | Tracker | Status   | Subject  | Assignee                  | Updated             |
|-------|-------------|---------|----------|--|---------------------------|---------------------|
| 8042  | Ruby master | Feature | Assigned | Add Addrinfo#socket to create a socket that is not connected or bound  | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 17155 | Ruby master | Feature | Open     | Add a Diggable mixin   |                           | 09/05/2020 02:08 PM |
| 14758 | Ruby master | Feature | Open     | Add a first-class support for isolated bounded packages / modules / contexts   |                           | 05/18/2018 09:13 AM |
| 17942 | Ruby master | Feature | Open     | Add a `initialize(public @a, private @b)` shortcut syntax for defining public/private accessors for instance vars as part of constructor |                           | 06/09/2021 05:32 AM |
| 9185  | Ruby master | Feature | Open     | Add alias_class_method or class_alias functionality  |                           | 01/05/2018 09:00 PM |
| 15541 | Ruby master | Feature | Open     | Add alias symbolize_keys for symbolize_names kwarg for JSON.parse  |                           | 01/15/2020 07:00 PM |
| 11181 | Ruby master | Feature | Open     | Add a line directive to Ruby   | matz (Yukihiro Matsumoto) | 01/26/2016 02:04 AM |
| 7704  | Ruby master | Feature | Open     | Add a list of enabled (experimental) language features.  | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 15446 | Ruby master | Feature | Open     | Add a method `String#each_match` to the Ruby core  |                           | 02/06/2019 08:00 AM |
| 13395 | Ruby master | Feature | Open     | Add a method to check for not nil  |                           | 09/30/2017 12:53 PM |
| 6682  | Ruby master | Feature | Assigned | Add a method to return an instance attached by a singleton class   | shyouhei (Shyouhei Urabe) | 12/25/2017 06:15 PM |
| 18139 | Ruby master | Feature | Open     | Add a method to stop/kill a Ractor from outside  |                           | 08/30/2021 02:40 AM |
| 17881 | Ruby master | Feature | Feedback | Add a Module#const_added callback  |                           | 08/13/2021 06:35 AM |
| 16761 | Ruby master | Feature | Open     | Add an API to move the entire heap, as to make testing GC.compact compatibility easier   |                           | 05/07/2020 04:03 PM |
| 16665 | Ruby master | Feature | Open     | Add an Array#except_index method   |                           | 03/15/2020 03:37 PM |
| 13820 | Ruby master | Feature | Open     | Add a nil coalescing operator  |                           | 03/16/2021 03:34 PM |
| 6973  | Ruby master | Feature | Assigned | Add an #integral? method to Numeric to test for whole-number values  | mrkn (Kenta Murata)       | 12/25/2017 06:15 PM |
| 16946 | Ruby master | Feature | Open     | Add an `intersperse` method  |                           | 06/11/2020 01:47 AM |
| 18254 | Ruby master | Feature | Open     | Add an `offset` parameter to String#unpack and String#unpack1  |                           | 10/18/2021 02:26 PM |
| 6309  | Ruby master | Feature | Assigned | Add a reference queue for weak references  | matz (Yukihiro Matsumoto) | 08/23/2020 09:07 PM |
| 16913 | Ruby master | Feature | Open     | Add `ARGF#each_io`   |                           | 05/25/2020 11:33 PM |
| 6727  | Ruby master | Feature | Feedback | Add Array#rest (with implementation)   | matz (Yukihiro Matsumoto) | 08/14/2019 08:51 AM |
| 16428 | Ruby master | Feature | Feedback | Add Array#uniq?, Enumerable#uniq?  |                           | 08/14/2021 06:12 AM |
| 12481 | Ruby master | Feature | Feedback | Add Array#view to allow opt-in copy-on-write sharing of Array contents   |                           | 07/19/2016 09:08 AM |
| 8626  | CommonRuby  | Feature | Open     | Add a Set coercion method to the standard lib: Set(possible_set)   |                           | 11/07/2013 02:36 AM |
| 16012 | Ruby master | Feature | Assigned | Add a (small) test-install suite?  | hsbt (Hiroshi SHIBATA)    | 07/30/2019 08:13 AM |
| 18004 | Ruby master | Feature | Open     | Add Async to the stdlib  |                           | 08/25/2021 03:16 PM |
| 16244 | Ruby master | Feature | Open     | Add a Time#before? and Time#after? method  |                           | 12/15/2019 12:59 AM |

| #     | Project     | Tracker | Status   | Subject  | Assignee                  | Updated             |
|-------|-------------|---------|----------|--|---------------------------|---------------------|
| 18228 | Ruby master | Feature | Open     | Add a `timeout` option to `IO.copy_stream`   |                           | 10/01/2021 05:10 AM |
| 12455 | Ruby master | Feature | Open     | Add a way for class String to determine whether it has only numbers / digits or not  |                           | 07/20/2016 03:13 AM |
| 16018 | Ruby master | Feature | Open     | Add a way to deprecate methods   |                           | 09/02/2019 06:24 AM |
| 15222 | Ruby master | Feature | Open     | Add a way to distinguish between Struct classes with and without keyword initializer |                           | 10/11/2018 01:16 PM |
| 12244 | Ruby master | Feature | Open     | Add a way to `integer - integer % num`   | matz (Yukihiro Matsumoto) | 05/17/2016 06:05 AM |
| 16150 | Ruby master | Feature | Open     | Add a way to request a frozen string from to_s                                       |                           | 09/10/2020 01:52 PM |
| 11148 | Ruby master | Feature | Open     | Add a way to require files, but not raise an exception when the file isn't found     |                           | 05/13/2015 05:57 PM |
| 12802 | Ruby master | Feature | Open     | Add BLAKE2 support to Digest   |                           | 09/02/2019 05:58 AM |
| 16663 | Ruby master | Feature | Open     | Add block or filtered forms of Kernel#caller to allow early bail-out                 |                           | 02/28/2020 10:27 PM |
| 17265 | Ruby master | Feature | Feedback | Add `Bool` module  | matz (Yukihiro Matsumoto) | 10/26/2020 09:44 AM |
| 14066 | Ruby master | Feature | Assigned | Add CAA DNS RR on Resolv   | akr (Akira Tanaka)        | 11/10/2017 06:50 AM |
| 16282 | Ruby master | Feature | Open     | Add "call data" wrapper IMEMO object so inline cache can be updated                  |                           | 10/29/2019 12:13 AM |
| 11373 | Ruby master | Feature | Open     | Add command line option to query valid values for --dump                             |                           | 07/27/2021 11:09 AM |
| 13263 | Ruby master | Feature | Open     | Add companion integer nth-root method to recent Integer#isqrt                        |                           | 04/05/2017 12:49 AM |
| 15393 | Ruby master | Feature | Open     | Add compilation flags to freeze Array and Hash literals                              |                           | 01/15/2019 12:15 AM |
| 17496 | Ruby master | Feature | Open     | Add constant Math::TAU   |                           | 01/13/2021 05:47 AM |
| 18146 | Ruby master | Feature | Open     | Add `delete_prefix` and `delete_suffix` to `Pathname`                                |                           | 09/03/2021 04:59 AM |
| 14618 | Ruby master | Feature | Open     | Add display width method to String for CLI   |                           | 03/21/2018 04:00 AM |
| 16937 | Ruby master | Feature | Assigned | Add DNS over HTTP to Resolv  | akr (Akira Tanaka)        | 12/10/2020 09:15 AM |
| 15590 | Ruby master | Feature | Open     | Add dups to Array to find duplicates   |                           | 02/08/2019 10:00 AM |
| 11577 | Ruby master | Feature | Open     | Add encodeURIComponent compatible API for URI  |                           | 10/09/2015 01:40 PM |
| 14077 | Ruby master | Feature | Open     | Add Encoding::FILESYSTEM and Encoding::LOCALE constants                              |                           | 11/03/2017 09:31 PM |
| 13588 | Ruby master | Feature | Feedback | Add Encoding#min_char_size, #max_char_size, #minmax_char_size                        |                           | 05/29/2017 07:51 AM |
| 5644  | Ruby master | Feature | Feedback | add Enumerable#exclude? antonym  | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 8421  | Ruby master | Feature | Feedback | add Enumerable#find_map and Enumerable#find_all_map                                  |                           | 11/29/2020 11:40 PM |
| 5970  | Ruby master | Feature | Assigned | Add Enumerable#join with same semantics as Array#join                                | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 14399 | Ruby master | Feature | Open     | Add Enumerable#product   |                           | 08/11/2019 09:34 PM |
| 8422  | Ruby master | Feature | Feedback | add Enumerable#reverse_sort and Enumerable#reverse_sort_by                           |                           | 06/14/2013 03:19 AM |
| 14593 | Ruby master | Feature | Open     | Add `Enumerator#concat`  |                           | 03/08/2018 09:15 PM |
| 16833 | Ruby master | Feature | Open     | Add Enumerator#empty?  |                           | 05/06/2020 07:55 PM |

| #     | Project     | Tracker | Status   | Subject  | Assignee                       | Updated             |
|-------|-------------|---------|----------|--|--------------------------------|---------------------|
| 11824 | Ruby master | Feature | Feedback | Add Enumerator#to_ary for added implicit behavior  |                                | 12/15/2015 09:48 PM |
| 8960  | Ruby master | Feature | Assigned | Add Exception#backtrace_locations  | ko1 (Koichi Sasada)            | 11/25/2016 02:15 PM |
| 13696 | Ruby master | Feature | Open     | Add exchange and noreplace options to File.rename  | Glass_saga (Masaki Matsushita) | 12/01/2017 04:34 PM |
| 14092 | Ruby master | Feature | Open     | Add extension key argument to Tempfile   |                                | 11/08/2017 06:47 PM |
| 13893 | Ruby master | Feature | Open     | Add Fiber#[] and Fiber#[]= and restore Thread#[] and Thread#[]= to their original behavior |                                | 08/14/2020 01:48 AM |
| 11583 | Ruby master | Feature | Open     | Add File#unlink  |                                | 10/12/2015 05:40 AM |
| 17165 | Ruby master | Feature | Open     | Add `filter` and `flatten` keywords to `Enumerable#map`                                    |                                | 09/13/2020 09:41 AM |
| 7652  | Ruby master | Feature | Feedback | Add FreeMiNT support to Ruby   | nobu (Nobuyoshi Nakada)        | 12/25/2017 06:15 PM |
| 16929 | Ruby master | Feature | Open     | Add GC.start(compact: true)  |                                | 06/01/2020 03:42 PM |
| 10917 | Ruby master | Feature | Open     | Add GC.stat[:total_time] when GC profiling enabled   |                                | 08/21/2021 07:01 AM |
| 3356  | Ruby master | Feature | Feedback | Add GetShortPathName to ruby   | usa (Usaku NAKAMURA)           | 01/21/2016 02:27 PM |
| 6737  | Ruby master | Feature | Feedback | Add Hash#read and alias as #[].  |                                | 12/25/2017 06:15 PM |
| 13924 | Ruby master | Feature | Open     | Add headings/hints to RubyVM::InstructionSequence#disasm                                   |                                | 09/20/2017 01:40 PM |
| 9556  | Ruby master | Feature | Open     | Add HTTP#get block functionality to HTTP.get   |                                | 02/23/2014 05:53 AM |
| 10481 | Ruby master | Feature | Assigned | Add "if" and "unless" clauses to rescue statements   | matz (Yukihiro Matsumoto)      | 01/18/2015 02:46 PM |
| 7362  | Ruby master | Feature | Assigned | Adding Pathname#start_with?  | akr (Akira Tanaka)             | 12/25/2017 06:15 PM |
| 14476 | Ruby master | Feature | Assigned | Adding same_all? for checking whether all items in an Array are same                       | mrkn (Kenta Murata)            | 08/28/2020 01:10 PM |
| 14404 | Ruby master | Feature | Open     | Adding writev support to IO#write_nonblock   |                                | 01/29/2018 12:29 AM |
| 10489 | Ruby master | Feature | Open     | Add inherit method for clearer and multiple inheritance                                    | matz (Yukihiro Matsumoto)      | 12/10/2020 08:53 AM |
| 17830 | Ruby master | Feature | Open     | Add Integer#previous and Integer#prev  | matz (Yukihiro Matsumoto)      | 04/27/2021 11:35 PM |
| 16245 | Ruby master | Feature | Open     | Add interfaces to count and measure size all IMEMO objects                                 |                                | 10/17/2019 09:16 PM |
| 16757 | Ruby master | Feature | Open     | Add intersection to Range  |                                | 04/03/2020 09:29 PM |
| 17833 | Ruby master | Feature | Open     | add IO.readinto(b) where b is a bytes like object that is you can get a memoryview from    |                                | 06/30/2021 02:36 PM |
| 17326 | Ruby master | Feature | Open     | Add Kernel#must! to the standard library   |                                | 11/30/2020 03:26 PM |
| 11597 | Ruby master | Feature | Open     | Add Linux-specific setsuid(2)/setfsuid(2)  |                                | 10/15/2015 10:08 PM |
| 16231 | Ruby master | Feature | Open     | Add #location to Net::HTTPResponse   |                                | 10/06/2019 11:14 PM |
| 14122 | Ruby master | Feature | Open     | Add LogicError   |                                | 06/17/2019 11:47 PM |
| 18179 | Ruby master | Feature | Open     | Add Math methods to Numeric  |                                | 09/22/2021 01:44 AM |

| #     | Project     | Tracker | Status   | Subject   | Assignee                         | Updated             |
|-------|-------------|---------|----------|---|----------------------------------|---------------------|
| 14116 | Ruby master | Feature | Feedback | Add Matrix #exponentiate method as Matlab's exp   | marcandre (Marc-Andre Lafortune) | 11/20/2017 06:52 AM |
| 16899 | Ruby master | Feature | Open     | Add method `Array#both_end`   |                                  | 05/18/2020 01:44 AM |
| 7876  | Ruby master | Feature | Open     | Add method for accessing Class from within Singleton Class  | matz (Yukihiko Matsumoto)        | 12/25/2017 06:15 PM |
| 4818  | Ruby master | Feature | Assigned | Add method marshalable?   | matz (Yukihiko Matsumoto)        | 12/25/2017 06:15 PM |
| 11689 | Ruby master | Feature | Open     | Add methods allow us to get visibility from Method and UnboundMethod object.  |                                  | 07/16/2020 04:31 PM |
| 8994  | Ruby master | Feature | Open     | add methods for Float to get if an NaN is quiet or not, also add class methods for Float to "generate" an quiet NaN and an loud NaN |                                  | 10/21/2019 10:38 PM |
| 15571 | Ruby master | Feature | Open     | Add methods: irroot, root, and roots  |                                  | 01/30/2019 06:17 PM |
| 14771 | Ruby master | Feature | Open     | Add method to create DNS resource from data string  |                                  | 05/17/2018 10:43 PM |
| 9779  | Ruby master | Feature | Open     | Add Module#descendants  |                                  | 01/05/2018 09:00 PM |
| 17753 | Ruby master | Feature | Open     | Add Module#namespace  |                                  | 04/17/2021 08:04 AM |
| 8275  | CommonRuby  | Feature | Open     | Add Module#public_const_get   |                                  | 04/17/2013 03:12 AM |
| 13677 | Ruby master | Feature | Feedback | Add more details to error "Name or service not known (SocketError)"   |                                  | 04/01/2019 09:12 AM |
| 17406 | Ruby master | Feature | Open     | Add `NoMatchingPatternError#depth`  |                                  | 12/19/2020 03:18 PM |
| 9585  | Ruby master | Feature | Open     | Add Object#in? to make ruby easier to read  |                                  | 03/15/2014 04:49 PM |
| 8751  | CommonRuby  | Feature | Open     | Add offsets to method#source_location   |                                  | 08/19/2013 10:34 AM |
| 8576  | Ruby master | Feature | Assigned | Add optimized method type for constant value methods  | ko1 (Koichi Sasada)              | 12/25/2017 06:15 PM |
| 6842  | Ruby master | Feature | Assigned | Add Optional Arguments to String#strip  | matz (Yukihiko Matsumoto)        | 08/24/2016 05:50 AM |
| 7654  | Ruby master | Feature | Open     | Add optional code block to IO::readlines  | matz (Yukihiko Matsumoto)        | 12/25/2017 06:15 PM |
| 15815 | Ruby master | Feature | Open     | Add option to raise NoMethodError for OpenStruct  | marcandre (Marc-Andre Lafortune) | 09/28/2020 02:11 AM |
| 11484 | Ruby master | Feature | Feedback | add output offset for readpartial/read_nonblock/etc   | matz (Yukihiko Matsumoto)        | 09/25/2017 07:28 AM |
| 5461  | Ruby master | Feature | Assigned | Add pipelining to Net::HTTP   | naruse (Yui NARUSE)              | 12/25/2017 06:15 PM |
| 13765 | Ruby master | Feature | Open     | Add Proc#bind   |                                  | 07/26/2017 01:31 PM |
| 13933 | Ruby master | Feature | Open     | Add Range#empty?  |                                  | 10/25/2017 09:19 AM |
| 11917 | Ruby master | Feature | Open     | Add Range#length as an alias for size   |                                  | 01/30/2016 07:01 AM |
| 14777 | Ruby master | Feature | Open     | Add Range#offset ?  |                                  | 05/19/2018 03:50 PM |
| 7883  | Ruby master | Feature | Open     | Add Regexp#to_proc  | matz (Yukihiko Matsumoto)        | 12/25/2017 06:15 PM |
| 15217 | Ruby master | Feature | Open     | Add Resolv.current_resolver   |                                  | 10/08/2018 11:18 PM |

| #     | Project     | Tracker | Status   | Subject   | Assignee                  | Updated             |
|-------|-------------|---------|----------|---|---------------------------|---------------------|
| 11312 | Ruby master | Feature | Open     | Add Resolv::DNS::Resource::IN::SPF  | akr (Akira Tanaka)        | 07/01/2015 03:26 AM |
| 17134 | Ruby master | Feature | Open     | Add resolv_timeout to TCPSocket   |                           | 12/10/2020 09:09 AM |
| 13639 | Ruby master | Feature | Open     | Add "RTMIN" and "RTMAX" to Signal.list  |                           | 08/31/2017 09:06 AM |
| 14833 | Ruby master | Feature | Open     | Add RubyVM::AST::Node#pretty_print  |                           | 06/07/2018 02:56 PM |
| 17375 | Ruby master | Feature | Open     | Add scheduler callbacks for transferring fibers   |                           | 12/07/2020 11:31 PM |
| 17208 | Ruby master | Feature | Open     | Add `Set#compact` and `Set#compact!` methods  |                           | 11/05/2020 10:44 AM |
| 17325 | Ruby master | Feature | Open     | Adds Fiber#cancel, which forces a Fiber to break/return   |                           | 11/19/2020 12:34 AM |
| 14114 | Ruby master | Feature | Open     | Add #step for Array, Enumerable, Enumerator   |                           | 06/24/2019 05:00 PM |
| 13683 | Ruby master | Feature | Feedback | Add strict Enumerable#single  |                           | 09/02/2021 05:52 PM |
| 14033 | Ruby master | Feature | Open     | Add String#append   |                           | 08/08/2018 03:01 AM |
| 14919 | Ruby master | Feature | Open     | Add String#byteinsert   |                           | 07/18/2018 01:29 PM |
| 13626 | Ruby master | Feature | Open     | Add String#byteslice!   |                           | 07/03/2018 11:07 PM |
| 9043  | Ruby master | Feature | Open     | Add String#f method as shortcut for #freeze   | matz (Yukihiro Matsumoto) | 01/05/2018 09:00 PM |
| 8573  | Ruby master | Feature | Feedback | Add String#format method(not an alias of String#%)  |                           | 04/18/2018 09:59 AM |
| 10574 | Ruby master | Feature | Open     | Add String#lchomp and String.lchomp!  | matz (Yukihiro Matsumoto) | 12/15/2014 04:34 PM |
| 15771 | Ruby master | Feature | Feedback | Add `String#split` option to set `split_type string` with a single space separator                                      |                           | 05/27/2020 09:19 PM |
| 12744 | Ruby master | Feature | Feedback | Add str.reverse_each_char and str.reverse_chars   |                           | 09/16/2016 10:41 AM |
| 12964 | Ruby master | Feature | Feedback | Add sub? and gsub? method to string class.  |                           | 11/22/2016 10:13 AM |
| 9960  | Ruby master | Feature | Feedback | Add support for GNU --long options  |                           | 06/21/2014 02:06 AM |
| 10869 | Ruby master | Feature | Open     | Add support for option to pre-compile Ruby files  |                           | 02/23/2015 11:08 AM |
| 9064  | Ruby master | Feature | Feedback | Add support for packages, like in Java  | matz (Yukihiro Matsumoto) | 07/29/2014 02:07 AM |
| 15560 | Ruby master | Feature | Open     | Add support for read/write offsets.   |                           | 01/26/2019 11:03 AM |
| 17837 | Ruby master | Feature | Open     | Add support for Regexp timeouts   |                           | 10/17/2021 01:55 PM |
| 12115 | Ruby master | Feature | Open     | Add Symbol#call to allow to_proc shorthand with arguments   |                           | 11/16/2018 09:49 AM |
| 5478  | Ruby master | Feature | Open     | Add syntax to import Set into core  |                           | 09/02/2020 12:24 PM |
| 5945  | Ruby master | Feature | Assigned | Add the ability to mark a at_exit as process-local.   | matz (Yukihiro Matsumoto) | 10/10/2018 08:29 AM |
| 8027  | Ruby master | Feature | Feedback | add the possibility to raise an exception in #included, #extended, #prepended, #inherited and break the calling feature |                           | 06/02/2013 03:22 PM |
| 16425 | Ruby master | Feature | Open     | Add Thread#dig  |                           | 12/17/2019 12:15 AM |
| 8640  | CommonRuby  | Feature | Open     | Add Time#elapsed to return nanoseconds since creation   |                           | 07/22/2013 05:55 PM |
| 10829 | CommonRuby  | Feature | Open     | Add to_proc method to the Array class   |                           | 07/09/2015 05:16 AM |



| #     | Project     | Tracker | Status   | Subject   | Assignee                  | Updated             |
|-------|-------------|---------|----------|---|---------------------------|---------------------|
| 16137 | Ruby master | Feature | Open     | Add === to UnboundMethod  |                           | 09/07/2019 11:05 AM |
| 12459 | Ruby master | Feature | Feedback | Add type coercion option to ARGV.getopts arguments.   |                           | 06/06/2016 08:37 AM |
| 8967  | Ruby master | Feature | Open     | add uninclude and unextend method   |                           | 09/30/2013 02:18 PM |
| 9887  | Ruby master | Feature | Open     | Add uninclude please  |                           | 05/31/2014 01:33 PM |
| 9929  | Ruby master | Feature | Open     | add with_default method to Hash   |                           | 06/11/2014 12:08 AM |
| 15752 | Ruby master | Feature | Feedback | A dedicated module for experimental features  |                           | 03/17/2021 04:38 AM |
| 15456 | Ruby master | Feature | Open     | Adopt some kind of consistent versioning mechanism  |                           | 02/07/2019 06:26 PM |
| 11660 | Ruby master | Feature | Open     | a falsy value (similar to js undefined) that facilitates forwarding of default arguments          |                           | 11/05/2019 07:33 PM |
| 15036 | CommonRuby  | Feature | Open     | after upgrade when run apt upgrade metasploit   |                           | 08/28/2018 08:19 AM |
| 15804 | Ruby master | Feature | Open     | A generic method to resolve the indexing on a sequence  |                           | 04/28/2019 12:54 PM |
| 7614  | Ruby master | Feature | Open     | alias_accessor  | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 8016  | Ruby master | Feature | Assigned | Alias __FILE__ and __LINE__ as methods  | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 16781 | Ruby master | Feature | Open     | alias :fold :reduce   |                           | 05/16/2020 08:28 AM |
| 6444  | Ruby master | Feature | Feedback | alias for String#index  |                           | 12/25/2017 06:15 PM |
| 12145 | Ruby master | Feature | Open     | Aliashood between `size` and `length` is not consistent   |                           | 06/27/2019 10:02 PM |
| 17773 | Ruby master | Feature | Open     | Alias `Numeric#zero?` and `Float#zero?` as `Numeric#empty?` and `Float#empty?`                    |                           | 04/02/2021 03:39 PM |
| 9784  | Ruby master | Feature | Open     | Alias URI#merge to URI#join   |                           | 04/29/2014 05:42 AM |
| 17356 | Ruby master | Feature | Open     | Alignment of memory allocated through Fiddle struct's malloc                                      |                           | 12/02/2020 11:06 AM |
| 17279 | Ruby master | Feature | Open     | Allow a negative step in Range#step with a block  | matz (Yukihiro Matsumoto) | 10/22/2020 02:23 AM |
| 13890 | Ruby master | Feature | Open     | Allow a regexp as an argument to 'count', to count more interesting things than single characters |                           | 12/30/2017 04:37 AM |
| 16848 | Ruby master | Feature | Feedback | Allow callables in \$LOAD_PATH  |                           | 06/26/2020 02:15 PM |
| 5582  | Ruby master | Feature | Assigned | Allow clone of singleton methods on a BasicObject   | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 14463 | CommonRuby  | Feature | Open     | Allow comments to precede dots in member expressions  |                           | 02/28/2018 07:02 PM |
| 12968 | Ruby master | Feature | Open     | Allow default value via block for Integer(), Float() and Rational()                               |                           | 06/28/2017 05:53 PM |
| 3187  | Ruby master | Feature | Feedback | Allow dynamic Fiber stack size  | ko1 (Koichi Sasada)       | 07/15/2021 06:07 PM |
| 8396  | Ruby master | Feature | Feedback | Allow easier destructuring of MatchData   |                           | 06/02/2013 04:53 PM |
| 6452  | Ruby master | Feature | Assigned | Allow extend to override class methods  | matz (Yukihiro Matsumoto) | 12/10/2020 08:53 AM |
| 13821 | Ruby master | Feature | Assigned | Allow fibers to be resumed across threads   | ko1 (Koichi Sasada)       | 02/15/2019 10:09 AM |
| 7436  | Ruby master | Feature | Assigned | Allow for a "granularity" flag for backtrace_locations  | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |

| #     | Project     | Tracker | Status   | Subject  | Assignee                       | Updated             |
|-------|-------------|---------|----------|--|--------------------------------|---------------------|
| 16739 | Ruby master | Feature | Open     | Allow Hash#keys and Hash#values to accept a block for filtering output   |                                | 07/10/2020 04:09 PM |
| 10482 | Ruby master | Feature | Feedback | Allow ignored items to vary in `Enumerable#chunk`.   |                                | 11/11/2014 10:08 AM |
| 10404 | Ruby master | Feature | Open     | Allow individual finalizers to be removed with ObjectSpace.undefine_finalizer  | matz (Yukihiro Matsumoto)      | 10/20/2014 08:14 AM |
| 5617  | Ruby master | Feature | Assigned | Allow install RubyGems into dedicated directory  | hsbt (Hiroshi SHIBATA)         | 05/16/2018 09:15 AM |
| 8678  | Ruby master | Feature | Assigned | Allow invalid string to work with regexp   | matz (Yukihiro Matsumoto)      | 01/05/2018 09:00 PM |
| 2631  | Ruby master | Feature | Assigned | Allow IO#reopen to take a block  | Glass_saga (Masaki Matsushita) | 05/24/2018 01:22 PM |
| 12023 | Ruby master | Feature | Open     | Allow ivars to be used as method arguments   |                                | 01/27/2016 09:58 AM |
| 15419 | CommonRuby  | Feature | Open     | Allow Kernel#tap to be invoked with arguments like Kernel#send   |                                | 12/16/2018 08:02 PM |
| 13207 | Ruby master | Feature | Feedback | Allow keyword local variable names like `class` or `for`   |                                | 02/13/2017 06:22 AM |
| 12281 | Ruby master | Feature | Assigned | Allow lexically scoped use of refinements with `using {}` block syntax   | shugo (Shugo Maeda)            | 06/13/2016 07:44 AM |
| 10528 | CommonRuby  | Feature | Open     | Allow line breaks instead of commas in arrays, hashes, argument lists, etc.  |                                | 07/09/2015 05:11 AM |
| 12057 | CommonRuby  | Feature | Open     | Allow methods with `yield` to be called without a block  |                                | 07/20/2016 02:15 AM |
| 16037 | Ruby master | Feature | Open     | Allow multiple single/double-splatted variables in `in` pattern matching and introduce non-greedy-splatted variables |                                | 08/04/2019 04:47 AM |
| 17785 | Ruby master | Feature | Open     | Allow named parameters to be keywords  | matz (Yukihiro Matsumoto)      | 06/09/2021 12:08 AM |
| 8046  | Ruby master | Feature | Open     | allow Object#extend to take a block  |                                | 12/25/2017 06:15 PM |
| 12969 | Ruby master | Feature | Open     | Allow optional parameter in String#strip and related   |                                | 01/20/2017 08:19 AM |
| 16667 | Ruby master | Feature | Open     | Allow parameters to Symbol#to_proc and Method#to_proc  |                                | 03/03/2020 03:40 PM |

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