

## Issues

| #     | Project    | Tracker | Status   | Subject   | Assignee                  | Updated             |
|-------|------------|---------|----------|---|---------------------------|---------------------|
| 12020 | CommonRuby | Feature | Assigned | Documenting Ruby memory model   | ko1 (Koichi Sasada)       | 02/08/2018 09:59 AM |
| 8263  | CommonRuby | Feature | Assigned | Support discovering yield state of individual Fibers                        | ko1 (Koichi Sasada)       | 02/08/2018 10:01 AM |
| 12019 | CommonRuby | Feature | Open     | Better low-level support for writing concurrent libraries                   | matz (Yukihiro Matsumoto) | 01/27/2016 06:27 AM |
| 11627 | CommonRuby | Feature | Open     | make `nonzero` an alias of `nonzero?`                                       | matz (Yukihiro Matsumoto) | 10/29/2015 01:25 PM |
| 9023  | CommonRuby | Feature | Assigned | Array#tail  | matz (Yukihiro Matsumoto) | 07/26/2016 02:06 PM |
| 8271  | CommonRuby | Feature | Assigned | Proposal for moving to a more visible, formal process for feature requests  | matz (Yukihiro Matsumoto) | 04/03/2019 05:22 AM |
| 8096  | CommonRuby | Feature | Feedback | introduce Time.current_timestamp  | matz (Yukihiro Matsumoto) | 10/02/2013 02:37 PM |
| 6308  | CommonRuby | Feature | Assigned | Eliminate delegation from WeakRef   | matz (Yukihiro Matsumoto) | 11/01/2013 04:28 AM |
| 16817 | CommonRuby | Feature | Open     | attr_predicate or attr_query or attr_something for ? methods                |                           | 08/30/2021 07:50 PM |
| 16347 | CommonRuby | Feature | Open     | InmutableObject   |                           | 11/15/2019 08:41 PM |
| 16118 | CommonRuby | Feature | Open     | Array .difference allow custom comparison                                   |                           | 08/22/2019 08:27 PM |
| 15458 | CommonRuby | Feature | Open     | Automatic Exception#cause print in IRB                                      |                           | 12/24/2018 07:07 AM |
| 15419 | CommonRuby | Feature | Open     | Allow Kernel#tap to be invoked with arguments like Kernel#send              |                           | 12/16/2018 08:02 PM |
| 15344 | CommonRuby | Feature | Feedback | Being proactive about Ruby security   |                           | 12/16/2018 09:52 PM |
| 15036 | CommonRuby | Feature | Open     | after upgrade when run apt upgrade metasploit                               |                           | 08/28/2018 08:19 AM |
| 14465 | CommonRuby | Feature | Open     | rename/alias and then obsolete UDPSocket::send                              |                           | 02/11/2018 09:18 PM |
| 14463 | CommonRuby | Feature | Open     | Allow comments to precede dots in member expressions                        |                           | 02/28/2018 07:02 PM |
| 14449 | CommonRuby | Feature | Open     | error when trying to run rails s  |                           | 02/05/2018 04:24 PM |
| 12982 | CommonRuby | Feature | Feedback | ruby 2.3.1 got crash on macos   |                           | 12/09/2016 01:28 AM |
| 12867 | CommonRuby | Feature | Open     | Add ability to check validity of a URL                                      |                           | 10/24/2016 12:13 PM |
| 12057 | CommonRuby | Feature | Open     | Allow methods with `yield` to be called without a block                     |                           | 07/20/2016 02:15 AM |
| 12021 | CommonRuby | Feature | Open     | Final instance variables  |                           | 05/19/2016 09:02 PM |
| 11026 | CommonRuby | Feature | Open     | How atomic should dynamic regexp with "once" flag be?                       |                           | 07/09/2015 05:11 AM |
| 10829 | CommonRuby | Feature | Open     | Add to_proc method to the Array class                                       |                           | 07/09/2015 05:16 AM |
| 10634 | CommonRuby | Feature | Open     | Baselining with Benchmark   |                           | 07/09/2015 05:11 AM |
| 10528 | CommonRuby | Feature | Open     | Allow line breaks instead of commas in arrays, hashes, argument lists, etc. |                           | 07/09/2015 05:11 AM |
| 10477 | CommonRuby | Feature | Open     | Implicit interfaces   |                           | 07/09/2015 05:12 AM |
| 10371 | CommonRuby | Feature | Open     | Use Thread#handle_interrupt in MonitorMixin                                 |                           | 07/09/2015 05:12 AM |

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|-------|-------------|---------|----------|--|---------------|---------------------|
| 10273 | CommonRuby  | Feature | Open     | Immutable Ruby   |               | 07/27/2016 07:17 PM |
| 10217 | CommonRuby  | Feature | Open     | Dir constructor similar to Pathname constructor  |               | 07/09/2015 05:12 AM |
| 9947  | CommonRuby  | Feature | Open     | Make `Object#send` and `Object#method` private   |               | 06/16/2014 02:19 PM |
| 9941  | CommonRuby  | Feature | Open     | Issue a warning when `module` or `class` keyword causes re-initialization of a constant that will become the module/class name, instead of creating/reopening the module/class |               | 06/13/2014 03:27 PM |
| 9804  | CommonRuby  | Feature | Open     | File::CREATE as a synonym for File::CREAT  |               | 05/05/2014 08:43 PM |
| 9686  | CommonRuby  | Feature | Open     | Syntax for symbols used in hashes  |               | 02/08/2018 10:01 AM |
| 9678  | CommonRuby  | Feature | Feedback | New heredoc syntax   |               | 04/04/2014 08:16 PM |
| 9402  | CommonRuby  | Feature | Open     | A syntax to specify the default value of a hash  |               | 01/12/2014 01:00 PM |
| 9401  | CommonRuby  | Feature | Open     | Yet another syntax for literal anonymous functions (lambdas)   |               | 01/13/2014 09:14 AM |
| 8961  | CommonRuby  | Feature | Open     | Synchronizable module to easily wrap methods in a mutex  |               | 10/03/2013 06:52 AM |
| 8947  | CommonRuby  | Feature | Open     | make alias, alias_method, attr_* return name of the alias  |               | 09/24/2013 09:34 PM |
| 8896  | CommonRuby  | Feature | Open     | #tap with missing block  |               | 12/15/2018 09:48 PM |
| 8848  | CommonRuby  | Feature | Open     | Syntax for binary strings  |               | 10/28/2014 08:33 AM |
| 8751  | CommonRuby  | Feature | Open     | Add offsets to method#source_location  |               | 08/19/2013 10:34 AM |
| 8681  | CommonRuby  | Feature | Open     | Net::HTTP should set TCP_NODELAY for requests with body  |               | 07/25/2013 03:40 AM |
| 8640  | CommonRuby  | Feature | Open     | Add Time#elapsed to return nanoseconds since creation  |               | 07/22/2013 05:55 PM |
| 8635  | CommonRuby  | Feature | Open     | attr_accessor with default block   |               | 07/23/2013 06:01 AM |
| 8626  | CommonRuby  | Feature | Open     | Add a Set coercion method to the standard lib: Set(possible_set)   |               | 11/07/2013 02:36 AM |
| 8619  | CommonRuby  | Feature | Open     | Standard Profiling API   |               | 07/11/2013 05:53 PM |
| 8570  | CommonRuby  | Feature | Open     | Better mechanisms to safely load classes concurrently  |               | 09/27/2013 07:58 PM |
| 8291  | CommonRuby  | Feature | Open     | Allow retrieving the root Fiber of a Thread  |               | 04/28/2013 08:53 PM |
| 8275  | CommonRuby  | Feature | Open     | Add Module#public_const_get  |               | 04/17/2013 03:12 AM |
| 8272  | CommonRuby  | Feature | Open     | Transfer feature tracking to CommonRuby  |               | 04/16/2013 05:45 AM |
| 8259  | CommonRuby  | Feature | Open     | Atomic attributes accessors  |               | 01/26/2016 11:56 AM |
| 8258  | CommonRuby  | Feature | Feedback | Dir#escape_glob  |               | 11/24/2018 04:02 PM |
| 8088  | CommonRuby  | Feature | Open     | Method#parameters (and friends) should provide useful information about core methods   |               | 09/27/2013 07:44 PM |
| 7895  | CommonRuby  | Feature | Open     | Exception#backtrace_locations to go with Thread#backtrace_locations and Kernel#caller_locations  |               | 10/01/2013 09:39 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 |
| 7747  | CommonRuby  | Feature | Open     | Expanded API for Binding semantics   |               | 02/08/2018 09:49 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 |

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|-------|-------------|---------|----------|---|----------------------------------|---------------------|
| 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 |
| 10128 | Ruby master | Bug     | Open     | Quoting problem for arguments of Kernel.system, Kernel.exec on Windows                                | cruby-windows                    | 12/30/2019 03:00 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 |
| 7968  | Ruby master | Bug     | Assigned | Poor UDPSocket#send performance in ruby 2.0.0 on windows  | cruby-windows                    | 10/23/2017 12:23 AM |
| 12852 | Ruby master | Bug     | Open     | URI.parse can't handle non-ascii URIs   | akira (akira yamada)             | 12/12/2016 06:39 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 |
| 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 |
| 10580 | Ruby master | Bug     | Open     | TestProcess#test_deadlock_by_signal_at_forking fails on ARM   | akr (Akira Tanaka)               | 12/30/2019 03:00 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 |
| 11164 | Ruby master | Bug     | Assigned | Garbage collector in Ruby 2.2 provokes unexpected CoW   | authorNari (Narihiro Nakamura)   | 05/26/2015 06:29 AM |
| 13999 | Ruby master | Bug     | Assigned | Cygwin ripper_state_lex.rb  | aycabta (aycabta .)              | 11/06/2018 04:51 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 |
| 17400 | Ruby master | Bug     | Open     | Incorrect character downcase for Greek Sigma  | duerst (Martin Dürst)            | 12/17/2020 06:56 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 |
| 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 |
| 6351  | Ruby master | Bug     | Assigned | transcode table generator does not support multi characters of Unicode                                | duerst (Martin Dürst)            | 12/25/2017 06:15 PM |
| 18169 | Ruby master | Bug     | Assigned | Local copies of gemified libraries are being released out of sync with their gems                     | hsbt (Hiroshi SHIBATA)           | 09/18/2021 02:48 AM |
| 16951 | Ruby master | Bug     | Assigned | Consistently referer dependencies   | hsbt (Hiroshi SHIBATA)           | 06/17/2021 06:15 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 |
| 14679 | Ruby master | Bug     | Assigned | StdLib gems should properly specify their dependencies  | hsbt (Hiroshi SHIBATA)           | 04/11/2018 01:14 PM |
| 10919 | Ruby master | Bug     | Assigned | [gem install] installs multiple platforms   | hsbt (Hiroshi SHIBATA)           | 07/30/2019 07:44 AM |
| 10213 | Ruby master | Bug     | Assigned | bundled gems ignored by make install  | hsbt (Hiroshi SHIBATA)           | 12/30/2019 03:00 AM |
| 9366  | Ruby master | Bug     | Assigned | "make -j32 check TESTS=-j32" occasionally fails on rubygems/specification                             | hsbt (Hiroshi SHIBATA)           | 07/26/2018 02:13 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 |
| 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 |
| 595   | Ruby master | Bug     | Assigned | Fiber ignores ensure clause   | ioquatix (Samuel Williams)       | 12/29/2019 10:37 AM |
| 18002 | Ruby master | Bug     | Open     | s390x: Tests failing without LC_ALL env   | jaruga (Jun Aruga)               | 07/12/2021 04:30 PM |
| 16492 | Ruby master | Bug     | Open     | TestBugReporter#test_bug_reporter_add test failures   | jaruga (Jun Aruga)               | 08/24/2021 01:12 PM |

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|-------|-------------|---------|----------|--|----------------------------|---------------------|
| 18142 | Ruby master | Bug     | Assigned | Segmentation fault with Ruby 3.0.2   | k0kubun (Takashi Kokubun)  | 09/02/2021 07:43 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 |
| 17008 | Ruby master | Bug     | Feedback | JIT enabled on Windows can cause constant conhost pop-ups  | k0kubun (Takashi Kokubun)  | 07/03/2020 08:29 PM |
| 16694 | Ruby master | Bug     | Assigned | JIT vs hardened GCC with PCH   | k0kubun (Takashi Kokubun)  | 02/02/2021 07:38 AM |
| 15425 | Ruby master | Bug     | Feedback | Store MJIT header into Ruby versioned directory.   | k0kubun (Takashi Kokubun)  | 05/23/2021 12:51 AM |
| 16185 | Ruby master | Bug     | Open     | basictest failure on AIX 6.1 for 64bit build   | kanemoto (Yutaka Kanemoto) | 10/15/2019 12:05 AM |
| 15644 | Ruby master | Bug     | Assigned | ThreadsWait problems with Thread#report_on_exception   | keiju (Keiju Ishitsuka)    | 10/17/2019 06:49 PM |
| 11531 | Ruby master | Bug     | Assigned | IPAddr#== implements wrong logic   | knu (Akinori MUSHA)        | 12/29/2019 12:50 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 |
| 17678 | Ruby master | Bug     | Assigned | Ractors do not restart after fork  | ko1 (Koichi Sasada)        | 03/09/2021 12:42 AM |
| 17677 | Ruby master | Bug     | Assigned | Ractor crashes fork when blocking  | ko1 (Koichi Sasada)        | 03/09/2021 12:42 AM |
| 17676 | Ruby master | Bug     | Assigned | Accessing ENV from Ractor raises IsolationError  | ko1 (Koichi Sasada)        | 03/09/2021 02:37 AM |
| 17667 | Ruby master | Bug     | Open     | Module#name needs synchronization  | ko1 (Koichi Sasada)        | 03/02/2021 07:31 AM |
| 17624 | Ruby master | Bug     | Open     | Ractor.receive is not thread-safe  | ko1 (Koichi Sasada)        | 09/14/2021 01:40 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 |
| 17587 | Ruby master | Bug     | Open     | Segmentation fault with ractors and unix signals   | ko1 (Koichi Sasada)        | 02/07/2021 10:03 AM |
| 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 |
| 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 |
| 17543 | Ruby master | Bug     | Open     | Ractor isolation broken by `self` in shareable proc  | ko1 (Koichi Sasada)        | 01/29/2021 03:06 PM |
| 17531 | Ruby master | Bug     | Open     | `did_you_mean` not Ractor friendly   | ko1 (Koichi Sasada)        | 01/29/2021 08:48 AM |
| 17529 | Ruby master | Bug     | Assigned | Ractor Segfaults with GC enabled   | ko1 (Koichi Sasada)        | 02/18/2021 07:26 AM |
| 17513 | Ruby master | Bug     | Open     | Methods of shareable objects and UnboundMethods should be shareable  | ko1 (Koichi Sasada)        | 01/06/2021 08:53 PM |
| 17489 | Ruby master | Bug     | Assigned | Ractor segfaults   | ko1 (Koichi Sasada)        | 01/05/2021 09:25 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 |
| 17379 | Ruby master | Bug     | Open     | Refinement with modules redefinition bug   | ko1 (Koichi Sasada)        | 12/23/2020 02:05 AM |
| 17359 | Ruby master | Bug     | Open     | Ractor copy mode is not Ractor-safe  | ko1 (Koichi Sasada)        | 12/02/2020 05:42 PM |
| 17196 | Ruby master | Bug     | Open     | Segmentation Fault with Socket#close in Ractors  | ko1 (Koichi Sasada)        | 10/15/2020 03:18 PM |

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|-------|-------------|---------|----------|--|----------------------------------|---------------------|
| 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 |
| 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 |
| 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 |
| 15315 | Ruby master | Bug     | Open     | ec_switch can still lose interrupts  | ko1 (Koichi Sasada)              | 11/20/2018 09:32 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 |
| 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 |
| 14727 | Ruby master | Bug     | Assigned | TestQueue#test_queue_with_trap always timeout on Windows10   | ko1 (Koichi Sasada)              | 05/01/2018 02:59 AM |
| 11808 | Ruby master | Bug     | Open     | Different behavior between Enumerable#grep and Array#grep  | ko1 (Koichi Sasada)              | 10/26/2020 04:36 AM |
| 11174 | Ruby master | Bug     | Open     | threads memory leak  | ko1 (Koichi Sasada)              | 06/17/2019 03:17 PM |
| 10009 | Ruby master | Bug     | Open     | IO operation is 10x slower in multi-thread environment   | ko1 (Koichi Sasada)              | 05/21/2015 07:19 AM |
| 8444  | Ruby master | Bug     | Open     | Regexp vars \$~ and friends are not thread local   | ko1 (Koichi Sasada)              | 07/30/2019 07:38 AM |
| 7976  | Ruby master | Bug     | Assigned | TracePoint call is at call point, not call site  | ko1 (Koichi Sasada)              | 01/05/2018 09:00 PM |
| 4040  | Ruby master | Bug     | Assigned | SystemStackError with Hash[*a] for Large _a_   | ko1 (Koichi Sasada)              | 12/25/2017 06:14 PM |
| 14090 | Ruby master | Bug     | Open     | `TestGc#test_interrupt_in_finalizer` fails very rarely   | kosaki (Motohiro KOSAKI)         | 04/27/2021 07:23 PM |
| 11269 | Ruby master | Bug     | Assigned | ruby_init_setproctitle() should be called before require_libraries()   | kosaki (Motohiro KOSAKI)         | 06/17/2015 03:01 AM |
| 8782  | Ruby master | Bug     | Assigned | Don't set rl_getc_function on editline   | kouji (Kouji Takao)              | 01/05/2018 09:00 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 |
| 18170 | Ruby master | Bug     | Assigned | Exception#inspect should not include newlines  | mame (Yusuke Endoh)              | 09/17/2021 08:04 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 |
| 18171 | Ruby master | Bug     | Open     | `Marshal` ignores `Hash#compare_by_identity`   | matz (Yukihiko Matsumoto)        | 09/16/2021 05:13 AM |
| 17429 | Ruby master | Bug     | Open     | Prohibit include/prepend in refinement modules   | matz (Yukihiko Matsumoto)        | 09/17/2021 09:48 AM |
| 15764 | Ruby master | Bug     | Open     | Whitespace and control characters should not be permitted in tokens  | matz (Yukihiko Matsumoto)        | 04/22/2019 07:48 AM |
| 11779 | Ruby master | Bug     | Feedback | Module#using does not make sense as a method   | matz (Yukihiko Matsumoto)        | 06/17/2021 09:58 AM |
| 11704 | Ruby master | Bug     | Assigned | Refinements only get "used" once in loop   | matz (Yukihiko Matsumoto)        | 04/14/2016 02:45 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 |

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|-------|-------------|---------|----------|--|-------------------------|---------------------|
| 5179  | Ruby master | Bug     | Assigned | Complex#rationalize and to_r with approximate zeros                                      | mrkn (Kenta Murata)     | 01/17/2020 03:00 AM |
| 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 |
| 14972 | Ruby master | Bug     | Assigned | Net::HTTP inconsistently raises EOFError when peer closes the connection                 | naruse (Yui NARUSE)     | 03/01/2021 09:20 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 |
| 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 |
| 7892  | Ruby master | Bug     | Open     | MIME encoding bug of NKF.nkf   | naruse (Yui NARUSE)     | 12/25/2017 06:15 PM |
| 17578 | Ruby master | Bug     | Assigned | mkmf experimental C++ Support  | nobu (Nobuyoshi Nakada) | 01/27/2021 03:51 AM |
| 16836 | Ruby master | Bug     | Assigned | configure-time LDFLAGS leak into ruby pkg-config file                                    | nobu (Nobuyoshi Nakada) | 08/14/2021 09:10 AM |
| 16497 | Ruby master | Bug     | Assigned | StringIO#internal_encoding is broken (more severely in 2.7)                              | nobu (Nobuyoshi Nakada) | 12/23/2020 06:35 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 |
| 14971 | Ruby master | Bug     | Open     | error: implicit declaration of function 'rb_vm_call0                                     | nobu (Nobuyoshi Nakada) | 09/06/2018 03:53 AM |
| 14543 | Ruby master | Bug     | Assigned | `make commit` show error of `common-srcs`  | nobu (Nobuyoshi Nakada) | 06/02/2018 04:17 AM |
| 13298 | Ruby master | Bug     | Assigned | mingw SEGV TestEnumerable#test_callcc  | nobu (Nobuyoshi Nakada) | 06/04/2021 03:41 AM |
| 13269 | Ruby master | Bug     | Assigned | test/readline/test_readline.rb and mingw   | nobu (Nobuyoshi Nakada) | 03/13/2017 08:56 AM |
| 12725 | Ruby master | Bug     | Assigned | Trying to use ./miniruby before it exists  | nobu (Nobuyoshi Nakada) | 04/28/2017 01:45 PM |
| 12590 | Ruby master | Bug     | Open     | Error compiling parse.c on cygwin  | nobu (Nobuyoshi Nakada) | 07/18/2016 04:09 AM |
| 12506 | Ruby master | Bug     | Assigned | On cygwin, Feature #5994 does not work   | nobu (Nobuyoshi Nakada) | 04/28/2017 01:45 PM |
| 12473 | Ruby master | Bug     | Assigned | Test failure on fedora with TestTimeExtension#test_huge_precision                        | nobu (Nobuyoshi Nakada) | 04/28/2017 01:45 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 |
| 12444 | Ruby master | Bug     | Assigned | Segmentation fault when running TestException#test_machine_stackoverflow on cygwin       | nobu (Nobuyoshi Nakada) | 04/28/2017 01:45 PM |
| 12442 | Ruby master | Bug     | Assigned | TestArgf#test_textmode fails on cygwin   | nobu (Nobuyoshi Nakada) | 04/28/2017 01:45 PM |
| 12440 | Ruby master | Bug     | Feedback | make test-all is not working on cygwin   | nobu (Nobuyoshi Nakada) | 05/31/2016 09:46 AM |



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|-------|-------------|---------|----------|---|----------|---------------------|
| 18158 | Ruby master | Bug     | Open     | Pathname#each_entry without block does not return Enumerator  |          | 09/17/2021 07:33 PM |
| 18156 | Ruby master | Bug     | Open     | 3.0.2 configuration checks by default for C++ compiler instead of C?                                    |          | 09/08/2021 02:58 PM |
| 18155 | Ruby master | Bug     | Open     | (nil..nil).cover?(x) is true for all x since beginless ranges were introduced                           |          | 09/09/2021 01:16 AM |
| 18152 | Ruby master | Bug     | Open     | Fix theoretical bug with signals + qsort  |          | 09/08/2021 03:38 PM |
| 18144 | Ruby master | Bug     | Open     | Timeout not working while regular expression match is running   |          | 09/02/2021 07:08 AM |
| 18133 | Ruby master | Bug     | Open     | LTO: TestGCCCompact#test_ast_compacts segfaults on i686   |          | 08/25/2021 03:30 PM |
| 18132 | Ruby master | Bug     | Open     | TODO: fix ccan/list thread safety   |          | 08/25/2021 07:19 AM |
| 18131 | Ruby master | Bug     | Open     | addr2line.c: Some inlined functions mistakenly shown  |          | 08/24/2021 07:59 PM |
| 18130 | Ruby master | Bug     | Open     | Showing exceptions from Ractor on console causes errors   |          | 08/25/2021 12:20 AM |
| 18129 | Ruby master | Bug     | Open     | Ractor-incompatible global variables can be accessed through alias                                      |          | 08/23/2021 10:08 PM |
| 18128 | Ruby master | Bug     | Open     | Ractor allows class variables that have been used before  |          | 08/23/2021 10:05 PM |
| 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 |
| 18120 | Ruby master | Bug     | Open     | Deadlock and segfault when using autoload in Ractor   |          | 08/19/2021 05:05 PM |
| 18081 | Ruby master | Bug     | Open     | addr2line.c: Wrong section for `DW_AT_ranges`   |          | 08/17/2021 02:09 PM |
| 18080 | Ruby master | Bug     | Open     | Syntax error on one-line pattern matching   |          | 08/18/2021 12:38 AM |
| 18079 | Ruby master | Bug     | Open     | [PATCH] make error for MinGW with Clang/LLVM + LLD  |          | 08/17/2021 03:52 AM |
| 18076 | Ruby master | Bug     | Open     | ext/digest/md5/md5.c: `Wnull-pointer-subtraction` warning by Clang 13                                   |          | 08/17/2021 05:39 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 |
| 18067 | Ruby master | Bug     | Open     | Composite procs with `instance_exec` aren't executed within the context of the receiver                 |          | 08/09/2021 05:57 PM |
| 18066 | Ruby master | Bug     | Open     | Load did_you_mean/error_highlight even with --disable-gems  |          | 08/11/2021 06:46 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 |
| 18060 | Ruby master | Bug     | Open     | Infinite loop when b_return TracePoint raises   |          | 08/03/2021 09:31 PM |
| 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 |
| 18041 | Ruby master | Bug     | Feedback | [BUG] Segmentation fault - ruby 2.5.8p224 (2020-03-31 revision 67882) [aarch64-linux]                   |          | 07/22/2021 09:02 PM |
| 18034 | Ruby master | Bug     | Open     | Segmentation fault fiddle with `--enable-bundled-libffi` and macOS                                      |          | 07/09/2021 06:16 AM |
| 18031 | Ruby master | Bug     | Open     | Nested TracePoint#enable with define_method target crashes  |          | 08/03/2021 09:18 PM |
| 18024 | Ruby master | Bug     | Open     | Ractor crashes when connections are closed in multiple Ractors  |          | 08/31/2021 01:54 PM |
| 18023 | Ruby master | Bug     | Open     | Ractor#make_shareable changes the values of closed shareable objects                                    |          | 07/07/2021 06:35 PM |
| 18021 | Ruby master | Bug     | Open     | Mixins in Refinements: possibly multiple bugs, workarounds are awkward                                  |          | 07/04/2021 10:19 AM |
| 18013 | Ruby master | Bug     | Open     | Unexpected results when mxiing negated character classes and case-folding                               |          | 06/29/2021 12:05 PM |



| #     | 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 |
| 18010 | Ruby master | Bug     | Open   | Character class with single character gets case-folded with following string   |          | 06/28/2021 09:30 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 |
| 18000 | Ruby master | Bug     | Open   | have_library doesn't work when ruby is compiled with --disable-shared --disable-install-static-library                                     |          | 08/14/2021 07:36 PM |
| 17999 | Ruby master | Bug     | Open   | TestMethod#test_zsuper intermittent timeout error on raspbian10-aarch64 CI   |          | 06/18/2021 01:33 AM |
| 17998 | Ruby master | Bug     | Open   | ractor: process hanging (with ractors initialized, but not being used)   |          | 06/17/2021 07:14 PM |
| 17996 | Ruby master | Bug     | Open   | Cygwin: thread + pipe behavior since Ruby 2.6  |          | 06/17/2021 03:59 AM |
| 17995 | Ruby master | Bug     | Open   | Slow down when mjit and Ractor are being used at same time   |          | 06/17/2021 03:48 AM |
| 17990 | Ruby master | Bug     | Open   | Inconsistent behavior of Regexp quantifiers over characters with complex case foldings   |          | 06/15/2021 11:59 AM |
| 17989 | Ruby master | Bug     | Open   | Case insensitive Regexps do not handle characters with overlapping case foldings   |          | 06/15/2021 11:43 AM |
| 17931 | Ruby master | Bug     | Open   | Compile fails setup option nodynamic   |          | 07/07/2021 08:51 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 |
| 17925 | Ruby master | Bug     | Open   | Pattern matching syntax using semicolon one-line   |          | 06/04/2021 03:08 PM |
| 17882 | Ruby master | Bug     | Open   | bootstrapstest/test_ractor.rb:224 segfaults on Cygwin  |          | 09/18/2021 06:51 PM |
| 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 |
| 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 |
| 17840 | Ruby master | Bug     | Open   | `make install` overriding file permission with 644   |          | 04/30/2021 03:06 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 |
| 17826 | Ruby master | Bug     | Open   | Ractor#take hangs if used in multiple Threads  |          | 04/25/2021 12:53 PM |
| 17823 | Ruby master | Bug     | Open   | addr2line.c: Interpret `DW_RLE_start_length`   |          | 08/18/2021 09:06 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 |
| 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 |
| 17810 | Ruby master | Bug     | Open   | addr2line.c: Some symbol names missing in C backtrace with Clang/LLVM  |          | 04/30/2021 02:11 PM |
| 17799 | Ruby master | Bug     | Open   | Seg fault in rb_class_clear_method_cache   |          | 04/28/2021 03:02 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 |
| 17774 | Ruby master | Bug     | Open   | Quantified empty group causes regex to fail  |          | 05/01/2021 08:06 PM |
| 17765 | Ruby master | Bug     | Open   | Segmentation fault when calling String#gsub  |          | 03/31/2021 10:13 PM |
| 17722 | Ruby master | Bug     | Open   | define_method with shareable results in "defined in a different Ractor"  |          | 08/24/2021 12:03 PM |
| 17719 | Ruby master | Bug     | Open   | Irregular evaluation order in hash literals  |          | 07/15/2021 06:22 AM |
| 17680 | Ruby master | Bug     | Open   | tab completion no longer works on irb3.0   |          | 03/13/2021 08:06 AM |



| #     | Project     | Tracker | Status   | Subject  | Assignee | Updated             |
|-------|-------------|---------|----------|--|----------|---------------------|
| 16493 | Ruby master | Bug     | Open     | TestThreadQueue#test_thr_kill is flaky on AArch64  |          | 01/09/2020 09:39 AM |
| 16288 | Ruby master | Bug     | Open     | Segmentation fault with finalizers, threads  |          | 12/19/2019 07:46 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 |
| 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 |
| 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 |
| 16145 | Ruby master | Bug     | Open     | regexp match error if mixing /i, character classes, and utf8   |          | 09/06/2019 05:52 AM |
| 16143 | Ruby master | Bug     | Open     | BOM UTF-8 is not removed after rewind  |          | 10/17/2019 06:30 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 |
| 15928 | Ruby master | Bug     | Open     | Constant declaration does not conform to JIS 3017:2013   |          | 06/07/2021 03:41 PM |
| 15790 | Ruby master | Bug     | Open     | Strange interaction between autoload and \$LOADED_FEATURES   |          | 08/07/2021 07:43 PM |
| 15787 | Ruby master | Bug     | Feedback | LoadError by EPERM on read-only volume   |          | 12/29/2019 06:46 AM |
| 15599 | Ruby master | Bug     | Open     | Mixing autoload and require causes deadlock and incomplete definition.   |          | 02/12/2019 01:40 PM |
| 15598 | Ruby master | Bug     | Open     | Deadlock on mutual reference of autoloaded constants   |          | 03/20/2019 10:58 AM |
| 15438 | Ruby master | Bug     | Open     | Threads can't switch faster than TIME_QUANTUM_(NSEC USEC MSEC)   |          | 03/25/2019 08:53 PM |
| 15428 | Ruby master | Bug     | Open     | Refactor Proc#>> and #<<   |          | 08/20/2021 06:31 PM |
| 15423 | Ruby master | Bug     | Open     | fork leapfrog leaks memory on FreeBSD 11.2   |          | 12/16/2018 02:28 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 |
| 15367 | Ruby master | Bug     | Open     | IO.select is not resumed when io-object gets closed  |          | 12/03/2018 10:22 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 |
| 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 |
| 15204 | Ruby master | Bug     | Open     | globbing should be prevented when wildcard is surrounded by double quotes in the ruby's command line   |          | 10/05/2018 08:29 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 |
| 14957 | Ruby master | Bug     | Open     | MinGW, gcc 8.2.0, bootstrapest test_thread.rb - failure ?  |          | 08/03/2018 02:46 PM |
| 14906 | Ruby master | Bug     | Open     | MinGW failure - TestIO#test_copy_stream_no_busy_wait   |          | 07/12/2018 03:52 AM |
| 14891 | Ruby master | Bug     | Open     | Pathname#join has different behaviour to File.join   |          | 02/18/2020 01:39 PM |
| 14884 | Ruby master | Bug     | Feedback | msys2 mingw32 'rake' has unexpected text at top of file  |          | 07/04/2018 11:20 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 |
| 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 |
| 14761 | Ruby master | Bug     | Open     | TestThread#test_join_limits hangs up on Solaris 10 with gcc  |          | 05/16/2018 05:23 AM |
| 14743 | Ruby master | Bug     | Open     | Some links broken in README  |          | 05/09/2018 05:41 AM |

| #     | Project     | Tracker | Status   | Subject  | Assignee | Updated             |
|-------|-------------|---------|----------|--|----------|---------------------|
| 14681 | Ruby master | Bug     | Open     | `syswrite`: stream closed in another thread (IOError)  |          | 04/22/2018 12:12 AM |
| 14607 | Ruby master | Bug     | Open     | Fix use of the rb_profile_frames start parameter   |          | 04/20/2021 09:59 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 |
| 14480 | Ruby master | Bug     | Open     | miniruby crashing when compiled with -O2 or -O1 on aarch64   |          | 02/23/2021 10:35 AM |
| 14474 | Ruby master | Bug     | Open     | skip "TestException#test_thread_signal_location" as known bug  |          | 12/10/2018 07:09 AM |
| 14434 | Ruby master | Bug     | Open     | IO#reopen fails after EPIPE  |          | 09/10/2020 06:27 PM |
| 14422 | Ruby master | Bug     | Open     | Ruby configuration options should not be reused for gem builds   |          | 03/05/2018 03:32 PM |
| 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 |
| 14364 | Ruby master | Bug     | Open     | Regexp last match variable in procs  |          | 09/14/2018 05:28 AM |
| 14103 | Ruby master | Bug     | Open     | Regexp absense operator has no chance to ^C  |          | 11/13/2017 11:15 AM |
| 14083 | Ruby master | Bug     | Open     | Refinement in block calling incorrect method   |          | 11/05/2017 07:36 PM |
| 14064 | Ruby master | Bug     | Open     | test-all with and without -j - incorrect assertions and missing test methods                             |          | 11/03/2017 10:54 PM |
| 14049 | Ruby master | Bug     | Open     | SEGV svn 60401 require_relative  |          | 10/26/2017 05:25 PM |
| 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 |
| 13644 | Ruby master | Bug     | Open     | Windows - Setting Time.now   |          | 06/11/2017 03:43 AM |
| 13571 | Ruby master | Bug     | Open     | Script arguments, encoding, windows / MinGW  |          | 11/12/2017 10:53 PM |
| 13542 | Ruby master | Bug     | Open     | MinGW trunk Builds - Summary of Issues   |          | 05/19/2017 07:04 PM |
| 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 |
| 13392 | Ruby master | Bug     | Open     | TracePoint return event location is incorrect for methods defined with define_method                     |          | 08/03/2021 09:47 PM |
| 13220 | Ruby master | Bug     | Feedback | Enhance support of Unicode strings manipulation  |          | 06/14/2019 08:58 PM |
| 13164 | Ruby master | Bug     | Open     | A second `SystemStackError` exception results in `Segmentation fault (core dumped)`                      |          | 04/14/2017 01:05 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 |
| 12689 | Ruby master | Bug     | Open     | Thread isolation of \$~ and \$_  |          | 04/01/2021 08:51 PM |
| 12500 | Ruby master | Bug     | Open     | TestProcess#test_aspawn_too_long_path fails on mips with "argument too big"                              |          | 12/29/2019 10:38 AM |
| 12436 | Ruby master | Bug     | Open     | newline argument of File.open seems not respected on Windows   |          | 06/18/2021 11:49 PM |
| 12280 | Ruby master | Bug     | Open     | IO.copy_stream(IO, IO) fails with "pread() not implemented"  |          | 04/28/2016 05:51 AM |
| 12235 | Ruby master | Bug     | Open     | URI.encode issue with square brackets  |          | 07/20/2021 08:47 AM |
| 12179 | Ruby master | Bug     | Open     | Build failure due to VPATH expansion   |          | 04/14/2016 01:55 AM |
| 11582 | Ruby master | Bug     | Open     | On Solaris, Rational#** returns -Infinity for Rational(0) when passed a negative Float                   |          | 10/13/2015 03:12 AM |
| 11514 | Ruby master | Bug     | Open     | AIX6.1 - Ruby 2.2.3 - Segmentation fault in :byteslice   |          | 09/18/2015 07:39 AM |



| #     | Project     | Tracker | Status   | Subject   | Assignee             | Updated             |
|-------|-------------|---------|----------|---|----------------------|---------------------|
| 5103  | Ruby master | Feature | Feedback | [ext/openssl] Object equality for objects based on ASN.1 structures                         | openssl              | 09/13/2015 03:32 AM |
| 5102  | Ruby master | Feature | Feedback | [ext/openssl] Purpose of OpenSSL::PKCS12.new / Allow changing the password                  | openssl              | 09/13/2015 03:33 AM |
| 15047 | Ruby master | Feature | Assigned | Documentation and more functions for Hash functions in C API                                | docs                 | 03/20/2019 01:24 AM |
| 14347 | Ruby master | Feature | Assigned | Explain How Symbols Differ From Strings in Symbol's Rdoc                                    | docs                 | 08/09/2018 10:45 AM |
| 9045  | Ruby master | Feature | Assigned | URI::IDN::ID/IDN::IDN   | akira (akira yamada) | 03/04/2021 10:19 PM |
| 17524 | Ruby master | Feature | Assigned | resolv: add some more characters in IPv6 link local zone id                                 | akr (Akira Tanaka)   | 03/24/2021 05:22 PM |
| 17473 | Ruby master | Feature | Open     | Make Pathname to embedded class of Ruby   | akr (Akira Tanaka)   | 01/12/2021 04:43 AM |
| 17297 | Ruby master | Feature | Assigned | Feature: Introduce Pathname.mktmpdir  | akr (Akira Tanaka)   | 08/30/2021 06:51 AM |
| 17296 | Ruby master | Feature | Assigned | Feature: Pathname#chmod use FileUtils.chmod instead of File                                 | akr (Akira Tanaka)   | 08/30/2021 06:51 AM |
| 17295 | Ruby master | Feature | Assigned | Feature: Create a directory and file with Pathname#touch                                    | akr (Akira Tanaka)   | 09/16/2021 01:17 AM |
| 17294 | Ruby master | Feature | Assigned | Feature: Allow method chaining with Pathname#mkpath Pathname#rmtree                         | akr (Akira Tanaka)   | 08/30/2021 06:52 AM |
| 17173 | Ruby master | Feature | Open     | open-uri [] ciphers []  | akr (Akira Tanaka)   | 09/25/2020 09:17 AM |
| 16985 | Ruby master | Feature | Open     | Improve `pp` for `Hash` and `String`  | akr (Akira Tanaka)   | 06/26/2020 09:51 AM |
| 16937 | Ruby master | Feature | Assigned | Add DNS over HTTP to Resolv   | akr (Akira Tanaka)   | 12/10/2020 09:15 AM |
| 14922 | Ruby master | Feature | Assigned | Resolv.getaddresses ignores AAAA records for IPv6   | akr (Akira Tanaka)   | 11/13/2020 04:01 AM |
| 14066 | Ruby master | Feature | Assigned | Add CAA DNS RR on Resolv  | akr (Akira Tanaka)   | 11/10/2017 06:50 AM |
| 13385 | Ruby master | Feature | Open     | [PATCH] Make Resolv::DNS::Name validation similar to host and dig commands                  | akr (Akira Tanaka)   | 06/16/2017 08:04 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 |
| 12497 | Ruby master | Feature | Assigned | GMP version of divmod may be slower   | akr (Akira Tanaka)   | 08/10/2016 03:11 AM |
| 11322 | Ruby master | Feature | Assigned | OpenUri: RuntimeError: HTTP redirection loop  | akr (Akira Tanaka)   | 11/13/2020 03:52 AM |
| 11312 | Ruby master | Feature | Open     | Add Resolv::DNS::Resource::IN::SPF  | akr (Akira Tanaka)   | 07/01/2015 03:26 AM |
| 11139 | Ruby master | Feature | Feedback | [PATCH] socket: support accept `sock_nonblock: (true false)`                                | akr (Akira Tanaka)   | 07/02/2015 01:30 AM |
| 10637 | Ruby master | Feature | Assigned | Puppet orchestration on vagrant fails with Error: Non-HTTP proxy URI                        | akr (Akira Tanaka)   | 09/23/2020 10:23 PM |
| 10459 | Ruby master | Feature | Assigned | [PATCH] rfc3339 method for Time   | akr (Akira Tanaka)   | 05/21/2015 08:14 AM |
| 10381 | Ruby master | Feature | Feedback | Pathname#mkdir_p, Pathname#makedirs []  | akr (Akira Tanaka)   | 10/15/2014 04:27 AM |
| 10129 | Ruby master | Feature | Assigned | More descriptive error message for failed net/http requests                                 | akr (Akira Tanaka)   | 01/05/2018 09:01 PM |
| 7412  | Ruby master | Feature | Assigned | Pathname#relative_path_from does not support mixed directory separators on windows          | akr (Akira Tanaka)   | 01/05/2018 09:00 PM |
| 7362  | Ruby master | Feature | Assigned | Adding Pathname#start_with?   | akr (Akira Tanaka)   | 12/25/2017 06:15 PM |
| 3848  | Ruby master | Feature | Assigned | Using http basic authentication for FTP with Open URI                                       | akr (Akira Tanaka)   | 12/25/2017 06:14 PM |
| 3608  | Ruby master | Feature | Assigned | Enhancing Pathname#each_child to be lazy  | akr (Akira Tanaka)   | 12/25/2017 06:14 PM |
| 2149  | Ruby master | Feature | Feedback | Pathname#include?   | akr (Akira Tanaka)   | 03/15/2018 08:19 AM |
| 15371 | Ruby master | Feature | Assigned | IRB with ARGV   | aycabta (aycabta .)  | 02/14/2020 11:35 AM |
| 13604 | Ruby master | Feature | Assigned | Exposing alternative interface of readline  | aycabta (aycabta .)  | 01/20/2020 05:34 AM |

| #     | Project     | Tracker | Status   | Subject   | Assignee                       | Updated             |
|-------|-------------|---------|----------|---|--------------------------------|---------------------|
| 10065 | Ruby master | Feature | Feedback | Make `gem env` command output valid YAML                                    | drbrain (Eric Hodel)           | 07/20/2014 10:54 PM |
| 18037 | Ruby master | Feature | Open     | Update Unicode data to Unicode Version 14.0.0                               | duerst (Martin Dürst)          | 09/15/2021 07:32 AM |
| 17525 | Ruby master | Feature | Open     | Implement Happy Eyeballs Version 2 (RFC8305) in Socket.tcp                  | Glass_saga (Masaki Matsushita) | 01/10/2021 01:17 PM |
| 16476 | Ruby master | Feature | Open     | Socket.getaddrinfo cannot be interrupted by Timeout.timeout                 | Glass_saga (Masaki Matsushita) | 12/28/2020 10:41 AM |
| 15628 | Ruby master | Feature | Assigned | init_inetsock_internal should fallback to IPv4 if IPv6 is unreachable       | Glass_saga (Masaki Matsushita) | 09/25/2020 05:42 AM |
| 13696 | Ruby master | Feature | Open     | Add exchange and noreplace options to File.rename                           | Glass_saga (Masaki Matsushita) | 12/01/2017 04:34 PM |
| 7148  | Ruby master | Feature | Assigned | Improved Tempfile w/o DelegateClass   | Glass_saga (Masaki Matsushita) | 03/27/2019 09:51 AM |
| 2631  | Ruby master | Feature | Assigned | Allow IO#reopen to take a block   | Glass_saga (Masaki Matsushita) | 05/24/2018 01:22 PM |
| 15408 | Ruby master | Feature | Open     | Deprecate object_id and _id2ref   | headius (Charles Nutter)       | 03/19/2019 04:02 PM |
| 17873 | Ruby master | Feature | Assigned | Update of default gems in Ruby 3.1  | hsbt (Hiroshi SHIBATA)         | 07/08/2021 10:40 AM |
| 16963 | Ruby master | Feature | Assigned | Remove English.rb from Ruby 2.8/3.0   | hsbt (Hiroshi SHIBATA)         | 06/19/2020 09:48 AM |
| 16012 | Ruby master | Feature | Assigned | Add a (small) test-install suite?   | hsbt (Hiroshi SHIBATA)         | 07/30/2019 08:13 AM |
| 14737 | Ruby master | Feature | Assigned | Split default gems into separate directory structure                        | hsbt (Hiroshi SHIBATA)         | 09/02/2020 06:00 PM |
| 13653 | Ruby master | Feature | Assigned | Bundled zlib helper   | hsbt (Hiroshi SHIBATA)         | 12/25/2017 06:15 PM |
| 13534 | Ruby master | Feature | Assigned | Checking installation results of default gems                               | hsbt (Hiroshi SHIBATA)         | 07/26/2018 02:16 AM |
| 13508 | Ruby master | Feature | Assigned | How remove/refactor code related mathn library.                             | hsbt (Hiroshi SHIBATA)         | 12/25/2017 06:15 PM |
| 12639 | Ruby master | Feature | Assigned | Speed up require in RubyGems by 5x  | hsbt (Hiroshi SHIBATA)         | 07/26/2018 02:12 AM |
| 6590  | Ruby master | Feature | Assigned | Dealing with bigdecimal, etc gems in JRuby                                  | hsbt (Hiroshi SHIBATA)         | 05/15/2019 08:33 PM |
| 5617  | Ruby master | Feature | Assigned | Allow install RubyGems into dedicated directory                             | hsbt (Hiroshi SHIBATA)         | 05/16/2018 09:15 AM |
| 17370 | Ruby master | Feature | Assigned | Introduce non-blocking `Addrinfo.getaddrinfo` and related methods.          | ioquatix (Samuel Williams)     | 07/09/2021 09:33 PM |
| 17369 | Ruby master | Feature | Assigned | Introduce non-blocking `Process.wait`, `Kernel.system` and related methods. | ioquatix (Samuel Williams)     | 06/22/2021 11:46 AM |
| 14975 | Ruby master | Feature | Open     | String#append without changing receiver's encoding                          | ioquatix (Samuel Williams)     | 01/26/2019 11:02 AM |
| 13383 | Ruby master | Feature | Open     | [PATCH] Module#source_location  | ioquatix (Samuel Williams)     | 01/09/2020 05:16 AM |
| 16806 | Ruby master | Feature | Assigned | Struct#initialize accepts keyword arguments too by default                  | k0kubun (Takashi Kokubun)      | 01/19/2021 12:05 AM |
| 17210 | Ruby master | Feature | Open     | More readable and useful `Set#inspect`                                      | knu (Akinori MUSA)             | 05/19/2021 10:12 PM |
| 16989 | Ruby master | Feature | Assigned | Sets: need ♥️   | knu (Akinori MUSA)             | 04/28/2021 06:05 AM |

| #     | Project     | Tracker | Status   | Subject   | Assignee            | Updated             |
|-------|-------------|---------|----------|---|---------------------|---------------------|
| 15281 | Ruby master | Feature | Assigned | Speed up Set#intersect with size check.   | knu (Akinori MUSHA) | 08/11/2020 02:43 AM |
| 15240 | Ruby master | Feature | Open     | Set operations check for is_a?(Set), rather than allowing duck typing           | knu (Akinori MUSHA) | 08/27/2019 08:12 PM |
| 14105 | Ruby master | Feature | Feedback | Introduce xor as alias for Set#^  | knu (Akinori MUSHA) | 06/27/2018 10:56 AM |
| 13610 | Ruby master | Feature | Assigned | IPAddr doesn't provide helpful methods to get the subnet or IP address          | knu (Akinori MUSHA) | 10/20/2017 01:13 AM |
| 13000 | Ruby master | Feature | Feedback | Implement Set#include? with Hash#include?                                       | knu (Akinori MUSHA) | 09/11/2020 08:18 PM |
| 11710 | Ruby master | Feature | Open     | [PATCH] Replace Set#merge with Set#merge! and make Set#merge non-mutating.      | knu (Akinori MUSHA) | 11/18/2015 07:28 PM |
| 11527 | Ruby master | Feature | Assigned | IPAddr#mask_addr isn't a method   | knu (Akinori MUSHA) | 11/07/2018 04:12 PM |
| 9121  | Ruby master | Feature | Assigned | [PATCH] Remove rbtree implementation of SortedSet due to performance regression | knu (Akinori MUSHA) | 12/14/2020 12:49 PM |
| 8833  | Ruby master | Feature | Feedback | [PATCH] IPAddr#pred   | knu (Akinori MUSHA) | 10/21/2017 05:15 PM |
| 8047  | Ruby master | Feature | Assigned | IPAddr makes host address with netmask  | knu (Akinori MUSHA) | 01/05/2018 09:00 PM |
| 3953  | Ruby master | Feature | Assigned | TCPSocket / UDPSocket do not accept IPAddr objects.                             | knu (Akinori MUSHA) | 12/25/2017 06:14 PM |
| 17884 | Ruby master | Feature | Open     | locindex for profiling tools  | ko1 (Koichi Sasada) | 05/24/2021 04:17 PM |
| 17593 | Ruby master | Feature | Assigned | load_iseq_eval should override the ISeq path                                    | ko1 (Koichi Sasada) | 02/16/2021 08:27 AM |
| 17592 | Ruby master | Feature | Assigned | Ractor should allowing reading shareable class instance variables               | ko1 (Koichi Sasada) | 02/24/2021 05:12 PM |
| 17414 | Ruby master | Feature | Open     | Ractor should allow access to shareable attributes for Modules/Classes          | ko1 (Koichi Sasada) | 12/21/2020 03:56 PM |
| 17404 | Ruby master | Feature | Open     | Ractor `move:` API to allow shareability check                                  | ko1 (Koichi Sasada) | 12/18/2020 09:17 PM |
| 17393 | Ruby master | Feature | Open     | `Ractor::Moved#inspect`   | ko1 (Koichi Sasada) | 12/21/2020 05:47 PM |
| 17363 | Ruby master | Feature | Assigned | Timeouts  | ko1 (Koichi Sasada) | 03/31/2021 06:34 PM |
| 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 |
| 15939 | Ruby master | Feature | Assigned | Dump symbols reference to their fstr in ObjectSpace.dump()                      | ko1 (Koichi Sasada) | 08/08/2019 09:38 PM |
| 15912 | Ruby master | Feature | Assigned | Allow some reentrancy during TracePoint events                                  | ko1 (Koichi Sasada) | 10/03/2019 03:32 PM |
| 15878 | Ruby master | Feature | Assigned | Make exit faster by not running GC  | ko1 (Koichi Sasada) | 07/29/2019 07:48 AM |
| 15854 | Ruby master | Feature | Open     | Tracing instance variable assignment  | ko1 (Koichi Sasada) | 07/29/2019 07:13 AM |
| 15778 | Ruby master | Feature | Open     | Expose an API to pry-open the stack frames in Ruby                              | ko1 (Koichi Sasada) | 08/29/2019 06:24 AM |
| 14859 | Ruby master | Feature | Open     | [PATCH] implement Timeout in VM   | ko1 (Koichi Sasada) | 07/22/2018 07:42 AM |
| 14813 | Ruby master | Feature | Open     | [PATCH] gc.c: make gc_enter+gc_exit pairs dtrace probes, too                    | ko1 (Koichi Sasada) | 12/17/2018 07:42 AM |
| 14492 | Ruby master | Feature | Open     | iseq loading + caching should be in core  | ko1 (Koichi Sasada) | 12/10/2020 08:53 AM |
| 14394 | Ruby master | Feature | Assigned | Class.descendants   | ko1 (Koichi Sasada) | 06/25/2021 12:37 PM |
| 13821 | Ruby master | Feature | Assigned | Allow fibers to be resumed across threads                                       | ko1 (Koichi Sasada) | 02/15/2019 10:09 AM |
| 13512 | Ruby master | Feature | Open     | System Threads  | ko1 (Koichi Sasada) | 07/14/2017 07:08 AM |
| 13388 | Ruby master | Feature | Assigned | gc.c: Add GC.get_parameters and .set_parameters                                 | ko1 (Koichi Sasada) | 03/30/2017 10:52 AM |
| 13252 | Ruby master | Feature | Assigned | C API for creating strings without copying                                      | ko1 (Koichi Sasada) | 04/17/2017 07:22 AM |
| 12607 | Ruby master | Feature | Feedback | Ruby needs an atomic integer  | ko1 (Koichi Sasada) | 01/29/2021 12:28 PM |



| #     | Project     | Tracker | Status   | Subject   | Assignee                         | Updated             |
|-------|-------------|---------|----------|---|----------------------------------|---------------------|
| 11348 | Ruby master | Feature | Feedback | TracePoint API needs events for fiber's switching   | ko1 (Koichi Sasada)              | 09/01/2015 09:12 AM |
| 10932 | Ruby master | Feature | Open     | Enabling allocation tracing as early as possible  | ko1 (Koichi Sasada)              | 06/13/2015 07:54 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 |
| 10423 | Ruby master | Feature | Open     | [PATCH] opt_str_lit*: avoid literal string allocations  | ko1 (Koichi Sasada)              | 01/05/2018 09:01 PM |
| 10238 | Ruby master | Feature | Open     | todo: remove dependency on malloc_usable_size   | ko1 (Koichi Sasada)              | 12/10/2020 09:20 AM |
| 9755  | Ruby master | Feature | Assigned | Thread::Backtrace::Location#defined_class   | ko1 (Koichi Sasada)              | 04/18/2014 09:22 AM |
| 8960  | Ruby master | Feature | Assigned | Add Exception#backtrace_locations   | ko1 (Koichi Sasada)              | 11/25/2016 02:15 PM |
| 8725  | Ruby master | Feature | Feedback | Possibility to get a signal handler without changing it   | ko1 (Koichi Sasada)              | 12/25/2017 06:15 PM |
| 8576  | Ruby master | Feature | Assigned | Add optimized method type for constant value methods  | ko1 (Koichi Sasada)              | 12/25/2017 06:15 PM |
| 6695  | Ruby master | Feature | Assigned | Configuration for Thread/Fiber creation   | ko1 (Koichi Sasada)              | 12/25/2017 06:15 PM |
| 6694  | Ruby master | Feature | Assigned | Thread.new without block.   | ko1 (Koichi Sasada)              | 12/25/2017 06:15 PM |
| 6602  | Ruby master | Feature | Feedback | Tail call optimization: enable by default?  | ko1 (Koichi Sasada)              | 06/13/2020 01:31 AM |
| 3731  | Ruby master | Feature | Assigned | Easier Embedding API for Ruby   | ko1 (Koichi Sasada)              | 12/25/2017 06:14 PM |
| 3187  | Ruby master | Feature | Feedback | Allow dynamic Fiber stack size  | ko1 (Koichi Sasada)              | 07/15/2021 06:07 PM |
| 2294  | Ruby master | Feature | Assigned | [PATCH] ruby_bind_stack() to embed Ruby in coroutine  | ko1 (Koichi Sasada)              | 01/05/2018 09:00 PM |
| 13697 | Ruby master | Feature | Open     | [PATCH]: futex based thread primitives  | kosaki (Motohiro KOSAKI)         | 01/28/2018 11:41 PM |
| 7086  | Ruby master | Feature | Assigned | ConditionVariable#wait has meaningless return value   | kosaki (Motohiro KOSAKI)         | 12/25/2017 06:15 PM |
| 4464  | Ruby master | Feature | Assigned | [PATCH] add Fcntl::Flock object for easier use of POSIX file locks                                    | kosaki (Motohiro KOSAKI)         | 12/25/2017 06:14 PM |
| 10510 | Ruby master | Feature | Assigned | Remove REXML instead of patching it   | kou (Kouhei Sutou)               | 02/02/2015 09:15 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 |
| 15918 | Ruby master | Feature | Open     | Pattern matching for Set  | ktsj (Kazuki Tsujimoto)          | 07/29/2019 08:12 AM |
| 15881 | Ruby master | Feature | Open     | Optimize deconstruct in pattern matching  | ktsj (Kazuki Tsujimoto)          | 12/25/2019 04:28 AM |
| 18176 | Ruby master | Feature | Open     | Make Coverage suspendable   | mame (Yusuke Endoh)              | 09/17/2021 06:41 AM |
| 14244 | Ruby master | Feature | Open     | Better error messages for scripts with non-matching end statements                                    | mame (Yusuke Endoh)              | 11/29/2018 08:57 AM |
| 4247  | Ruby master | Feature | Assigned | New features for Array#sample, Array#choice   | mame (Yusuke Endoh)              | 12/25/2017 06:14 PM |
| 15815 | Ruby master | Feature | Open     | Add option to raise NoMethodError for OpenStruct  | marcandre (Marc-Andre Lafortune) | 09/28/2020 02:11 AM |
| 14116 | Ruby master | Feature | Feedback | Add Matrix #exponentiate method as Matlab's exp   | marcandre (Marc-Andre Lafortune) | 11/20/2017 06:52 AM |
| 12676 | Ruby master | Feature | Assigned | Significant performance increase, and code conciseness, for prime_division method in prime.rb         | marcandre (Marc-Andre Lafortune) | 11/18/2016 03:46 PM |

| #     | Project     | Tracker | Status   | Subject  | Assignee                         | Updated             |
|-------|-------------|---------|----------|--|----------------------------------|---------------------|
| 9347  | Ruby master | Feature | Open     | Accept non callable argument to detect                             | marcandre (Marc-Andre Lafortune) | 01/05/2018 09:00 PM |
| 8223  | Ruby master | Feature | Open     | Make Matrix more omnivorous.                                       | marcandre (Marc-Andre Lafortune) | 04/09/2013 03:42 AM |
| 6256  | Ruby master | Feature | Feedback | Slightly improve ruby_qsort performance                            | MartinBosslet (Martin Bosslet)   | 01/10/2019 01:51 PM |
| 18159 | Ruby master | Feature | Open     | Integrate functionality of dead_end gem into Ruby                  | matz (Yukihiko Matsumoto)        | 09/17/2021 09:51 PM |
| 17849 | Ruby master | Feature | Open     | Fix Timeout.timeout so that it can be used in threaded Web servers | matz (Yukihiko Matsumoto)        | 05/22/2021 07:55 PM |
| 17830 | Ruby master | Feature | Open     | Add Integer#previous and Integer#prev                              | matz (Yukihiko Matsumoto)        | 04/27/2021 11:35 PM |

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