

## Issues

| #     | Project     | Tracker | Status   | Subject   | Assignee             | Updated             |
|-------|-------------|---------|----------|---|----------------------|---------------------|
| 12040 | Ruby master | Bug     | Assigned | [Win32] File.stat fails on a mounted volume   | cruby-windows        | 02/01/2016 08:13 AM |
| 14640 | Ruby master | Bug     | Open     | [win32] File.realpath treats a relative path with a drive letter as an absolute path.                 | cruby-windows        | 12/10/2018 07:09 AM |
| 8981  | Ruby master | Feature | Feedback | Suggestion for CreateProcess flags with rubyw on windows  | cruby-windows        | 01/05/2018 09:00 PM |
| 1644  | Ruby master | Feature | Assigned | recv on inherited socket wrapped in TCPSocket does not read data, on Windows                          | cruby-windows        | 12/10/2020 08:45 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 |
| 7968  | Ruby master | Bug     | Assigned | Poor UDPSocket#send performance in ruby 2.0.0 on windows  | cruby-windows        | 10/23/2017 12:23 AM |
| 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 |
| 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 |
| 9713  | Ruby master | Feature | Feedback | __FILE__ return unexpected encoding - breaks Dir.glob   | cruby-windows        | 12/10/2020 09:13 AM |
| 12656 | Ruby master | Feature | Assigned | Expand short paths with File.expand_path  | cruby-windows        | 01/31/2018 02:31 PM |
| 8083  | Ruby master | Feature | Assigned | Exit status is limited to one-byte values which is invalid for Windows                                | cruby-windows        | 03/14/2013 08:26 PM |
| 9045  | Ruby master | Feature | Assigned | URI::IDN::IDNA::IDNA::IDNA  | akira (akira yamada) | 03/04/2021 10:19 PM |
| 12852 | Ruby master | Bug     | Open     | URI.parse can't handle non-ascii URIs   | akira (akira yamada) | 12/12/2016 06:39 PM |
| 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 |
| 17569 | Ruby master | Misc    | Open     | `uri` lib maintainership  | akr (Akira Tanaka)   | 01/23/2021 10:42 AM |
| 17154 | Ruby master | Misc    | Open     | Update Pathname Documentation to Clarify Expected Behavior  | akr (Akira Tanaka)   | 09/05/2020 01:18 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 |
| 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 |
| 14922 | Ruby master | Feature | Assigned | Resolv getaddresses ignores AAAA records for IPv6   | akr (Akira Tanaka)   | 11/13/2020 04:01 AM |
| 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 |
| 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 |
| 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 |
| 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 |
| 10381 | Ruby master | Feature | Feedback | Pathname#mkdir_p, Pathname#makedirs   | akr (Akira Tanaka)   | 10/15/2014 04:27 AM |
| 2149  | Ruby master | Feature | Feedback | Pathname#include?   | akr (Akira Tanaka)   | 03/15/2018 08:19 AM |
| 11139 | Ruby master | Feature | Feedback | [PATCH] socket: support accept `sock_nonblock: (true false)`  | akr (Akira Tanaka)   | 07/02/2015 01:30 AM |
| 10459 | Ruby master | Feature | Assigned | [PATCH] rfc3339 method for Time   | akr (Akira Tanaka)   | 05/21/2015 08:14 AM |

| #     | Project     | Tracker | Status   | Subject   | Assignee                         | Updated             |
|-------|-------------|---------|----------|---|----------------------------------|---------------------|
| 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 |
| 11322 | Ruby master | Feature | Assigned | OpenUri: RuntimeError: HTTP redirection loop  | akr (Akira Tanaka)               | 11/13/2020 03:52 AM |
| 17173 | Ruby master | Feature | Open     | open-uri ☐ ciphers ☐☐☐☐☐☐   | akr (Akira Tanaka)               | 09/25/2020 09:17 AM |
| 10129 | Ruby master | Feature | Assigned | More descriptive error message for failed net/http requests   | akr (Akira Tanaka)               | 01/05/2018 09:01 PM |
| 17473 | Ruby master | Feature | Open     | Make Pathname to embedded class of Ruby   | akr (Akira Tanaka)               | 01/12/2021 04:43 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 |
| 16985 | Ruby master | Feature | Open     | Improve `pp` for `Hash` and `String`  | akr (Akira Tanaka)               | 06/26/2020 09:51 AM |
| 12497 | Ruby master | Feature | Assigned | GMP version of divmod may be slower   | akr (Akira Tanaka)               | 08/10/2016 03:11 AM |
| 17296 | Ruby master | Feature | Assigned | Feature: Pathname#chmod use FileUtils.chmod instead of File   | akr (Akira Tanaka)               | 08/30/2021 06:51 AM |
| 17297 | Ruby master | Feature | Assigned | Feature: Introduce Pathname.mktmpdir  | 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)               | 09/28/2021 01:20 AM |
| 17294 | Ruby master | Feature | Assigned | Feature: Allow method chaining with Pathname#mkpath Pathname#rmtree                                     | akr (Akira Tanaka)               | 08/30/2021 06:52 AM |
| 3608  | Ruby master | Feature | Assigned | Enhancing Pathname#each_child to be lazy  | akr (Akira Tanaka)               | 12/25/2017 06:14 PM |
| 11312 | Ruby master | Feature | Open     | Add Resolv::DNS::Resource::IN::SPF  | akr (Akira Tanaka)               | 07/01/2015 03:26 AM |
| 7362  | Ruby master | Feature | Assigned | Adding Pathname#start_with?   | akr (Akira Tanaka)               | 12/25/2017 06:15 PM |
| 16937 | Ruby master | Feature | Assigned | Add DNS over HTTP to Resolv   | akr (Akira Tanaka)               | 12/10/2020 09:15 AM |
| 14066 | Ruby master | Feature | Assigned | Add CAA DNS RR on Resolv  | akr (Akira Tanaka)               | 11/10/2017 06:50 AM |
| 11164 | Ruby master | Bug     | Assigned | Garbage collector in Ruby 2.2 provokes unexpected CoW   | authorNari (Narihiro Nakamura)   | 05/26/2015 06:29 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 |
| 13999 | Ruby master | Bug     | Assigned | Cygwin ☐☐☐ ripper_state_lex.rb ☐☐☐☐☐☐☐☐   | aycabta (aycabta .)              | 11/06/2018 04:51 PM |
| 14917 | Ruby master | Misc    | Assigned | Add RDoc documents to tar ball  | aycabta (aycabta .)              | 07/21/2018 09:29 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 |
| 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 |
| 6351  | Ruby master | Bug     | Assigned | transcode table generator does not support multi characters of Unicode                                  | duerst (Martin Dürst)            | 12/25/2017 06:15 PM |
| 7742  | Ruby master | Bug     | Open     | System encoding (Windows-1258) is not recognized by Ruby to convert back to UTF-8                       | duerst (Martin Dürst)            | 12/25/2017 06:15 PM |
| 18337 | Ruby master | Bug     | Assigned | Ruby allows zero-width characters in identifiers  | duerst (Martin Dürst)            | 11/24/2021 09:13 AM |
| 13671 | Ruby master | Bug     | Assigned | Regex with lookbehind and case-insensitivity raises RegexpError only on strings with certain characters | duerst (Martin Dürst)            | 11/30/2021 04:42 AM |
| 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 |

| #     | Project     | Tracker | Status   | Subject  | Assignee                       | Updated             |
|-------|-------------|---------|----------|--|--------------------------------|---------------------|
| 17400 | Ruby master | Bug     | Open     | Incorrect character downcase for Greek Sigma   | duerst (Martin Dürst)          | 12/17/2020 06:56 AM |
| 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 |
| 7148  | Ruby master | Feature | Assigned | Improved Tempfile w/o DelegateClass  | Glass_saga (Masaki Matsushita) | 03/27/2019 09:51 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 |
| 2631  | Ruby master | Feature | Assigned | Allow IO#reopen to take a block  | Glass_saga (Masaki Matsushita) | 05/24/2018 01:22 PM |
| 13696 | Ruby master | Feature | Open     | Add exchange and noreplace options to File.rename  | Glass_saga (Masaki Matsushita) | 12/01/2017 04:34 PM |
| 15408 | Ruby master | Feature | Open     | Deprecate object_id and _id2ref  | headius (Charles Nutter)       | 03/19/2019 04:02 PM |
| 15550 | Ruby master | Bug     | Assigned | Windows - gem bin files - can't run from bash shell  | hsbt (Hiroshi SHIBATA)         | 03/20/2019 01:05 AM |
| 17873 | Ruby master | Feature | Assigned | Update of default gems in Ruby 3.1   | hsbt (Hiroshi SHIBATA)         | 10/23/2021 08:58 PM |
| 14679 | Ruby master | Bug     | Assigned | StdLib gems should properly specify their dependencies   | hsbt (Hiroshi SHIBATA)         | 04/11/2018 01:14 PM |
| 14737 | Ruby master | Feature | Assigned | Split default gems into separate directory structure   | hsbt (Hiroshi SHIBATA)         | 09/02/2020 06:00 PM |
| 12639 | Ruby master | Feature | Assigned | Speed up require in RubyGems by 5x   | hsbt (Hiroshi SHIBATA)         | 07/26/2018 02:12 AM |
| 18068 | Ruby master | Misc    | Open     | Silence LoadError only if it is for rubygems itself  | hsbt (Hiroshi SHIBATA)         | 08/08/2021 02:21 PM |
| 18355 | Ruby master | Bug     | Assigned | require("pathname") within rack application chnages behaviors of Pathname methods, such as absolute?(), when there are two versions of 'pathname' gem installed. | hsbt (Hiroshi SHIBATA)         | 11/30/2021 08:01 AM |
| 16963 | Ruby master | Feature | Assigned | Remove English.rb from Ruby 2.8/3.0  | hsbt (Hiroshi SHIBATA)         | 06/19/2020 09:48 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 |
| 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 |
| 16512 | Ruby master | Misc    | Assigned | Improving `www.ruby-lang.org` reference by merging with `rubyreferences.github.io`   | hsbt (Hiroshi SHIBATA)         | 01/16/2020 08:51 AM |
| 16980 | Ruby master | Misc    | Assigned | Improve documentation on JSON#parse and JSON#parse!  | hsbt (Hiroshi SHIBATA)         | 11/30/2021 05:44 AM |
| 13508 | Ruby master | Feature | Assigned | How remove/refactor code related mathn library.  | hsbt (Hiroshi SHIBATA)         | 12/25/2017 06:15 PM |
| 10919 | Ruby master | Bug     | Assigned | [gem install] installs multiplatforms  | hsbt (Hiroshi SHIBATA)         | 07/30/2019 07:44 AM |
| 15486 | Ruby master | Misc    | Feedback | Default gems README.md   | hsbt (Hiroshi SHIBATA)         | 03/11/2019 12:19 PM |
| 6590  | Ruby master | Feature | Assigned | Dealing with bigdecimal, etc gems in JRuby   | hsbt (Hiroshi SHIBATA)         | 05/15/2019 08:33 PM |
| 16951 | Ruby master | Bug     | Assigned | Consistently referer dependencies  | hsbt (Hiroshi SHIBATA)         | 06/17/2021 06:15 AM |
| 15487 | Ruby master | Misc    | Assigned | Clarify default gems maintenance policy  | hsbt (Hiroshi SHIBATA)         | 12/30/2018 08:42 PM |
| 13534 | Ruby master | Feature | Assigned | Checking installation results of default gems  | hsbt (Hiroshi SHIBATA)         | 07/26/2018 02:16 AM |
| 16013 | Ruby master | Misc    | Feedback | Bundler...   | hsbt (Hiroshi SHIBATA)         | 10/17/2019 05:20 PM |
| 13653 | Ruby master | Feature | Assigned | Bundled zlib helper  | hsbt (Hiroshi SHIBATA)         | 12/25/2017 06:15 PM |
| 10213 | Ruby master | Bug     | Assigned | bundled gems ignored by make install   | hsbt (Hiroshi SHIBATA)         | 12/30/2019 03:00 AM |
| 5617  | Ruby master | Feature | Assigned | Allow install RubyGems into dedicated directory  | hsbt (Hiroshi SHIBATA)         | 05/16/2018 09:15 AM |

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|-------|-------------|---------|----------|---|-----------------------------|---------------------|
| 16012 | Ruby master | Feature | Assigned | Add a (small) test-install suite?   | hsbt (Hiroshi SHIBATA)      | 07/30/2019 08:13 AM |
| 18227 | Ruby master | Feature | Open     | Static class initialization.  | ioquatix (Samuel Williams)  | 09/29/2021 09:21 PM |
| 18036 | Ruby master | Bug     | Open     | Pthread fibers become invalid on fork - different from normal fibers.                             | ioquatix (Samuel Williams)  | 08/19/2021 07:05 AM |
| 13383 | Ruby master | Feature | Open     | [PATCH] Module#source_location  | ioquatix (Samuel Williams)  | 01/09/2020 05:16 AM |
| 18330 | Ruby master | Bug     | Open     | Make failure on 32-bit Linux (Android) with Clang due to implicit 64-to-32-bit integer truncation | ioquatix (Samuel Williams)  | 11/22/2021 09:40 AM |
| 17370 | Ruby master | Feature | Assigned | Introduce non-blocking `Addrinfo.getaddrinfo` and related methods.                                | ioquatix (Samuel Williams)  | 07/09/2021 09:33 PM |
| 595   | Ruby master | Bug     | Assigned | Fiber ignores ensure clause   | ioquatix (Samuel Williams)  | 12/29/2019 10:37 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 |
| 16492 | Ruby master | Bug     | Open     | TestBugReporter#test_bug_reporter_add test failures   | jaruga (Jun Aruga)          | 08/24/2021 01:12 PM |
| 18002 | Ruby master | Bug     | Open     | s390x: Tests failing without LC_ALL env   | jaruga (Jun Aruga)          | 07/12/2021 04:30 PM |
| 17720 | Ruby master | Misc    | Assigned | Cirrus CI to check non-x86_64 architecture cases by own machines                                  | jaruga (Jun Aruga)          | 09/26/2021 10:24 AM |
| 16188 | Ruby master | Misc    | Open     | What are the performance implications of the new keyword arguments in 2.7 and 3.0?                | jeremyevans0 (Jeremy Evans) | 11/27/2019 04:45 PM |
| 16806 | Ruby master | Feature | Assigned | Struct#initialize accepts keyword arguments too by default  | k0kubun (Takashi Kokubun)   | 01/19/2021 12:05 AM |
| 15425 | Ruby master | Feature | Feedback | Store MJIT header into Ruby versioned directory.  | k0kubun (Takashi Kokubun)   | 10/07/2021 11:03 PM |
| 18142 | Ruby master | Bug     | Assigned | Segmentation fault with Ruby 3.0.2  | k0kubun (Takashi Kokubun)   | 09/02/2021 07:43 AM |
| 16694 | Ruby master | Bug     | Assigned | JIT vs hardened GCC with PCH  | k0kubun (Takashi Kokubun)   | 02/02/2021 07:38 AM |
| 17008 | Ruby master | Bug     | Feedback | JIT enabled on Windows can cause constant conhost pop-ups   | k0kubun (Takashi Kokubun)   | 07/03/2020 08:29 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 |
| 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 |
| 3953  | Ruby master | Feature | Assigned | TCPsocket / UDPSocket do not accept IPAddr objects.   | knu (Akinori MUSHASHI)      | 12/25/2017 06:14 PM |
| 15281 | Ruby master | Feature | Assigned | Speed up Set#intersect with size check.   | knu (Akinori MUSHASHI)      | 08/11/2020 02:43 AM |
| 16989 | Ruby master | Feature | Assigned | Sets: need ♥️   | knu (Akinori MUSHASHI)      | 10/23/2021 09:04 PM |
| 15240 | Ruby master | Feature | Open     | Set operations check for is_a?(Set), rather than allowing duck typing                             | knu (Akinori MUSHASHI)      | 08/27/2019 08:12 PM |
| 11710 | Ruby master | Feature | Open     | [PATCH] Replace Set#merge with Set#merge! and make Set#merge non-mutating.                        | knu (Akinori MUSHASHI)      | 11/18/2015 07:28 PM |
| 8833  | Ruby master | Feature | Feedback | [PATCH] IPAddr#pred   | knu (Akinori MUSHASHI)      | 10/21/2017 05:15 PM |
| 17210 | Ruby master | Feature | Open     | More readable and useful `Set#inspect`  | knu (Akinori MUSHASHI)      | 05/19/2021 10:12 PM |
| 11527 | Ruby master | Feature | Assigned | IPAddr#mask_addr isn't a method   | knu (Akinori MUSHASHI)      | 11/07/2018 04:12 PM |
| 8047  | Ruby master | Feature | Assigned | IPAddr makes host address with netmask  | knu (Akinori MUSHASHI)      | 01/05/2018 09:00 PM |
| 11531 | Ruby master | Bug     | Assigned | IPAddr#== implements wrong logic  | knu (Akinori MUSHASHI)      | 12/29/2019 12:50 PM |
| 13610 | Ruby master | Feature | Assigned | IPAddr doesn't provide helpful methods to get the subnet or IP address                            | knu (Akinori MUSHASHI)      | 10/20/2017 01:13 AM |

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|-------|-------------|---------|----------|--|----------------------|---------------------|
| 14105 | Ruby master | Feature | Feedback | Introduce xor as alias for Set#^   | knu (Akinori MUSHYA) | 06/27/2018 10:56 AM |
| 13000 | Ruby master | Feature | Feedback | Implement Set#include? with Hash#include?  | knu (Akinori MUSHYA) | 09/11/2020 08:18 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 |
| 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 |
| 17420 | Ruby master | Bug     | Open     | Unsafe mutation of \$" when doing non-RubyGems require in Ractor   | ko1 (Koichi Sasada)  | 01/07/2021 01:23 PM |
| 15854 | Ruby master | Feature | Open     | Tracing instance variable assignment   | ko1 (Koichi Sasada)  | 07/29/2019 07:13 AM |
| 14817 | Ruby master | Bug     | Assigned | TracePoint#parameters for bmethod's return event should return the same value as its Method#parameters                         | ko1 (Koichi Sasada)  | 06/18/2021 09:14 PM |
| 16889 | Ruby master | Bug     | Open     | TracePoint.enable { ... } also activates the TracePoint for other threads, even outside the block                              | ko1 (Koichi Sasada)  | 08/20/2021 09:48 PM |
| 7976  | Ruby master | Bug     | Assigned | TracePoint call is at call point, not call site  | ko1 (Koichi Sasada)  | 01/05/2018 09:00 PM |
| 11348 | Ruby master | Feature | Feedback | TracePoint API needs events for fiber's switching  | ko1 (Koichi Sasada)  | 09/01/2015 09:12 AM |
| 10844 | Ruby master | Feature | Feedback | TracePoint API needs an event to inform about creating/removing a new frame without calling something                          | ko1 (Koichi Sasada)  | 03/02/2015 06:38 PM |
| 10238 | Ruby master | Feature | Open     | todo: remove dependency on malloc_usable_size  | ko1 (Koichi Sasada)  | 12/10/2020 09:20 AM |
| 17363 | Ruby master | Feature | Assigned | Timeouts   | ko1 (Koichi Sasada)  | 03/31/2021 06:34 PM |
| 11174 | Ruby master | Bug     | Open     | threads memory leak  | ko1 (Koichi Sasada)  | 06/17/2019 03:17 PM |
| 6694  | Ruby master | Feature | Assigned | Thread.new without block.  | ko1 (Koichi Sasada)  | 12/25/2017 06:15 PM |
| 9755  | Ruby master | Feature | Assigned | Thread::Backtrace::Location#defined_class  | ko1 (Koichi Sasada)  | 04/18/2014 09:22 AM |
| 14727 | Ruby master | Bug     | Assigned | TestQueue#test_queue_with_trap always timeout on Windows10   | ko1 (Koichi Sasada)  | 05/01/2018 02:59 AM |
| 6602  | Ruby master | Feature | Feedback | Tail call optimization: enable by default?   | ko1 (Koichi Sasada)  | 06/13/2020 01:31 AM |
| 13512 | Ruby master | Feature | Open     | System Threads   | ko1 (Koichi Sasada)  | 07/14/2017 07:08 AM |
| 4040  | Ruby master | Bug     | Assigned | SystemStackError with Hash[*a] for Large _a_   | ko1 (Koichi Sasada)  | 12/25/2017 06:14 PM |
| 8263  | CommonRuby  | Feature | Assigned | Support discovering yield state of individual Fibers   | ko1 (Koichi Sasada)  | 02/08/2018 10:01 AM |
| 18130 | Ruby master | Bug     | Assigned | Showing exceptions from Ractor on console causes errors  | ko1 (Koichi Sasada)  | 10/20/2021 12:45 AM |
| 17196 | Ruby master | Bug     | Assigned | Segmentation Fault with Socket#close in Ractors  | ko1 (Koichi Sasada)  | 11/30/2021 05:20 AM |
| 17587 | Ruby master | Bug     | Assigned | Segmentation fault with ractors and unix signals   | ko1 (Koichi Sasada)  | 11/30/2021 05:26 AM |
| 18231 | Ruby master | Feature | Open     | `RubyVM.keep_script_lines`   | ko1 (Koichi Sasada)  | 10/04/2021 05:20 PM |
| 12607 | Ruby master | Feature | Feedback | Ruby needs an atomic integer   | ko1 (Koichi Sasada)  | 01/29/2021 12:28 PM |
| 16776 | Ruby master | Bug     | Assigned | Regression in coverage library   | ko1 (Koichi Sasada)  | 11/24/2021 07:26 AM |
| 8444  | Ruby master | Bug     | Open     | Regex vars \$~ and friends are not thread local  | ko1 (Koichi Sasada)  | 07/30/2019 07:38 AM |
| 15802 | Ruby master | Misc    | Open     | Reduce the minimum string buffer size from 127 to 63 bytes   | ko1 (Koichi Sasada)  | 07/30/2019 04:04 AM |
| 17414 | Ruby master | Feature | Open     | Ractor should allow access to shareable attributes for Modules/Classes   | ko1 (Koichi Sasada)  | 12/21/2020 03:56 PM |

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|-------|-------------|---------|----------|---|---------------------|---------------------|
| 18258 | Ruby master | Bug     | Open     | Ractor.shareable? can be slow and mutates internal object flags.    | ko1 (Koichi Sasada) | 10/21/2021 08:58 AM |
| 17529 | Ruby master | Bug     | Assigned | Ractor Segfaults with GC enabled                                    | ko1 (Koichi Sasada) | 02/18/2021 07:26 AM |
| 17489 | Ruby master | Bug     | Assigned | Ractor segfaults  | ko1 (Koichi Sasada) | 01/05/2021 09:25 PM |
| 17678 | Ruby master | Bug     | Assigned | Ractors do not restart after fork                                   | ko1 (Koichi Sasada) | 03/09/2021 12:42 AM |
| 17624 | Ruby master | Bug     | Open     | Ractor.receive is not thread-safe                                   | ko1 (Koichi Sasada) | 09/14/2021 01:40 AM |
| 17393 | Ruby master | Feature | Open     | `Ractor::Moved#inspect`   | ko1 (Koichi Sasada) | 12/21/2020 05:47 PM |
| 17404 | Ruby master | Feature | Open     | Ractor `move:` API to allow shareability check                      | ko1 (Koichi Sasada) | 12/18/2020 09:17 PM |
| 17543 | Ruby master | Bug     | Open     | Ractor isolation broken by `self` in shareable proc                 | ko1 (Koichi Sasada) | 01/29/2021 03:06 PM |
| 17679 | Ruby master | Bug     | Assigned | Ractor incoming channel can consume unlimited resources             | ko1 (Koichi Sasada) | 03/26/2021 09:16 AM |
| 18119 | Ruby master | Bug     | Open     | Ractor crashes when instantiating classes                           | ko1 (Koichi Sasada) | 09/14/2021 01:42 AM |
| 18024 | Ruby master | Bug     | Assigned | Ractor crashes when connections are closed in multiple Ractors      | ko1 (Koichi Sasada) | 11/30/2021 05:37 AM |
| 17677 | Ruby master | Bug     | Assigned | Ractor crashes fork when blocking                                   | ko1 (Koichi Sasada) | 03/09/2021 12:42 AM |
| 17359 | Ruby master | Bug     | Open     | Ractor copy mode is not Ractor-safe                                 | ko1 (Koichi Sasada) | 12/02/2020 05:42 PM |
| 8725  | Ruby master | Feature | Feedback | Possibility to get a signal handler without changing it             | ko1 (Koichi Sasada) | 12/25/2017 06:15 PM |
| 15263 | Ruby master | Bug     | Open     | [PATCH] vm_trace.c (postponed_job_register): only hit main thread   | ko1 (Koichi Sasada) | 10/27/2018 11:35 PM |
| 2294  | Ruby master | Feature | Assigned | [PATCH] ruby_bind_stack() to embed Ruby in coroutine                | ko1 (Koichi Sasada) | 01/05/2018 09:00 PM |
| 10423 | Ruby master | Feature | Open     | [PATCH] opt_str_lit*: avoid literal string allocations              | ko1 (Koichi Sasada) | 01/05/2018 09:01 PM |
| 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 |
| 17667 | Ruby master | Bug     | Open     | Module#name needs synchronization                                   | ko1 (Koichi Sasada) | 03/02/2021 07:31 AM |
| 17513 | Ruby master | Bug     | Open     | Methods of shareable objects and UnboundMethods should be shareable | ko1 (Koichi Sasada) | 01/06/2021 08:53 PM |
| 15878 | Ruby master | Feature | Assigned | Make exit faster by not running GC                                  | ko1 (Koichi Sasada) | 07/29/2019 07:48 AM |
| 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 |
| 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 |
| 16124 | Ruby master | Misc    | Assigned | Let the transient heap belong to objspace                           | ko1 (Koichi Sasada) | 11/18/2019 08:48 AM |
| 14492 | Ruby master | Feature | Open     | iseq loading + caching should be in core                            | ko1 (Koichi Sasada) | 12/10/2020 08:53 AM |
| 10009 | Ruby master | Bug     | Open     | IO operation is 10x slower in multi-thread environment              | ko1 (Koichi Sasada) | 05/21/2015 07:19 AM |
| 13388 | Ruby master | Feature | Assigned | gc.c: Add GC.get_parameters and .set_parameters                     | ko1 (Koichi Sasada) | 03/30/2017 10:52 AM |
| 17516 | Ruby master | Bug     | Assigned | forking in a ractor causes Ruby to crash                            | ko1 (Koichi Sasada) | 11/30/2021 05:26 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 |
| 10932 | Ruby master | Feature | Open     | Enabling allocation tracing as early as possible                    | ko1 (Koichi Sasada) | 06/13/2015 07:54 AM |
| 15315 | Ruby master | Bug     | Open     | ec_switch can still lose interrupts                                 | ko1 (Koichi Sasada) | 11/20/2018 09:32 AM |

| #     | Project     | Tracker | Status   | Subject  | Assignee                 | Updated             |
|-------|-------------|---------|----------|--|--------------------------|---------------------|
| 3731  | Ruby master | Feature | Assigned | Easier Embedding API for Ruby  | ko1 (Koichi Sasada)      | 12/25/2017 06:14 PM |
| 15939 | Ruby master | Feature | Assigned | Dump symbols reference to their fstr in ObjectSpace.dump()   | ko1 (Koichi Sasada)      | 08/08/2019 09:38 PM |
| 12020 | CommonRuby  | Feature | Assigned | Documenting Ruby memory model  | ko1 (Koichi Sasada)      | 02/08/2018 09:59 AM |
| 11808 | Ruby master | Bug     | Open     | Different behavior between Enumerable#grep and Array#grep  | ko1 (Koichi Sasada)      | 10/26/2020 04:36 AM |
| 17531 | Ruby master | Bug     | Open     | `did_you_mean` not Ractor friendly   | ko1 (Koichi Sasada)      | 01/29/2021 08:48 AM |
| 17502 | Ruby master | Misc    | Open     | C vs Ruby  | ko1 (Koichi Sasada)      | 06/05/2021 09:21 AM |
| 6695  | Ruby master | Feature | Assigned | Configuration for Thread/Fiber creation  | ko1 (Koichi Sasada)      | 12/25/2017 06:15 PM |
| 13252 | Ruby master | Feature | Assigned | C API for creating strings without copying   | ko1 (Koichi Sasada)      | 04/17/2017 07:22 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 |
| 15499 | Ruby master | Bug     | Assigned | Breaking behavior on ruby 2.6: rb_thread_call_without_gvl doesn't invoke unblock_function when used on the main thread | ko1 (Koichi Sasada)      | 01/05/2021 02:24 AM |
| 17882 | Ruby master | Bug     | Assigned | bootstrapstest/test_ractor.rb:224 segfaults on Cygwin  | ko1 (Koichi Sasada)      | 11/30/2021 05:38 AM |
| 15912 | Ruby master | Feature | Assigned | Allow some reentrancy during TracePoint events   | ko1 (Koichi Sasada)      | 10/03/2019 03:32 PM |
| 13821 | Ruby master | Feature | Assigned | Allow fibers to be resumed across threads  | ko1 (Koichi Sasada)      | 02/15/2019 10:09 AM |
| 3187  | Ruby master | Feature | Feedback | Allow dynamic Fiber stack size   | ko1 (Koichi Sasada)      | 07/15/2021 06:07 PM |
| 8576  | Ruby master | Feature | Assigned | Add optimized method type for constant value methods   | ko1 (Koichi Sasada)      | 12/25/2017 06:15 PM |
| 8960  | Ruby master | Feature | Assigned | Add Exception#backtrace_locations  | ko1 (Koichi Sasada)      | 11/25/2016 02:15 PM |
| 17676 | Ruby master | Bug     | Assigned | Accessing ENV from Ractor raises IsolationError  | ko1 (Koichi Sasada)      | 03/09/2021 02:37 AM |
| 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 |
| 13697 | Ruby master | Feature | Open     | [PATCH]: futex based thread primitives   | kosaki (Motohiro KOSAKI) | 01/28/2018 11:41 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 |
| 7086  | Ruby master | Feature | Assigned | ConditionVariable#wait has meaningless return value  | kosaki (Motohiro KOSAKI) | 12/25/2017 06:15 PM |
| 18034 | Ruby master | Bug     | Assigned | Segmentation fault fiddle with `--enable-bundled-libffi` and macOS   | kou (Kouhei Sutou)       | 11/30/2021 07:39 AM |
| 17478 | Ruby master | Bug     | Assigned | Ruby3.0 is slower than Ruby2.7.2 when parsing a large CSV file   | kou (Kouhei Sutou)       | 11/24/2021 05:12 AM |
| 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 |
| 8782  | Ruby master | Bug     | Assigned | Don't set rl_getc_function on editline   | kouji (Kouji Takao)      | 01/05/2018 09:00 PM |
| 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 |
| 18194 | Ruby master | Feature | Open     | No easy way to format exception messages per thread/fiber scheduler context.   | mame (Yusuke Endoh)      | 09/29/2021 10:10 AM |
| 4247  | Ruby master | Feature | Assigned | New features for Array#sample, Array#choice  | mame (Yusuke Endoh)      | 12/25/2017 06:14 PM |
| 18170 | Ruby master | Bug     | Assigned | Exception#inspect should not include newlines  | mame (Yusuke Endoh)      | 11/30/2021 07:32 AM |

| #     | Project     | Tracker | Status   | Subject   | Assignee                         | Updated             |
|-------|-------------|---------|----------|---|----------------------------------|---------------------|
| 14244 | Ruby master | Feature | Open     | Better error messages for scripts with non-matching end statements  | mame (Yusuke Endoh)              | 11/29/2018 08:57 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 |
| 10855 | Ruby master | Bug     | Open     | [PATCH] Matrix#inverse returns matrix of integers whenever possible   | marcandre (Marc-Andre Lafortune) | 12/30/2019 03:00 AM |
| 8223  | Ruby master | Feature | Open     | Make Matrix more omnivorous.  | marcandre (Marc-Andre Lafortune) | 04/09/2013 03:42 AM |
| 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 |
| 9347  | Ruby master | Feature | Open     | Accept non callable argument to detect  | marcandre (Marc-Andre Lafortune) | 01/05/2018 09:00 PM |
| 6256  | Ruby master | Feature | Feedback | Slightly improve ruby_qsor performance  | MartinBosslet (Martin Bosslet)   | 01/10/2019 01:51 PM |
| 8061  | Ruby master | Feature | Open     | □□□□□□□□□□□□□□□□  | matz (Yukihiko Matsumoto)        | 12/25/2017 06:15 PM |
| 9816  | Ruby master | Feature | Assigned | □□□□□□□□□□□□□□□□□□  | matz (Yukihiko Matsumoto)        | 10/28/2014 08:29 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 |
| 5673  | Ruby master | Feature | Feedback | undef_method probably doesn't need to raise an error  | matz (Yukihiko Matsumoto)        | 12/25/2017 06:15 PM |
| 8478  | Ruby master | Feature | Open     | The hash returned by Enumerable#group_by should have an empty array for its default value                                     | matz (Yukihiko Matsumoto)        | 06/04/2013 03:56 PM |
| 4592  | Ruby master | Feature | Assigned | Tempfile□□□□□□□□  | matz (Yukihiko Matsumoto)        | 12/25/2017 06:14 PM |
| 10064 | Ruby master | Feature | Feedback | &:symbol in when clause   | matz (Yukihiko Matsumoto)        | 01/05/2018 09:01 PM |
| 7795  | Ruby master | Feature | Open     | Symbol.defined? and/or to_existing_symbol   | matz (Yukihiko Matsumoto)        | 12/25/2017 06:15 PM |
| 5825  | Ruby master | Feature | Assigned | Sweet instance var assignment in the object initializer   | matz (Yukihiko Matsumoto)        | 12/10/2020 08:53 AM |
| 6806  | Ruby master | Feature | Feedback | Support functional programming: forbid instance/class variables for ModuleName::method_name, allow for ModuleName.method_name | matz (Yukihiko Matsumoto)        | 12/10/2020 08:53 AM |
| 18351 | Ruby master | Feature | Open     | Support anonymous rest and keyword rest argument forwarding   | matz (Yukihiko Matsumoto)        | 11/29/2021 06:25 PM |
| 12861 | Ruby master | Feature | Feedback | super in a block can be either lexically or dynamically scoped depending on how the block is invoked                          | matz (Yukihiko Matsumoto)        | 12/21/2016 05:20 PM |
| 7349  | Ruby master | Feature | Assigned | Struct#inspect needs more meaningful output   | matz (Yukihiko Matsumoto)        | 12/25/2017 06:15 PM |
| 5558  | Ruby master | Feature | Assigned | String#% strange arity errors   | matz (Yukihiko Matsumoto)        | 12/25/2017 06:15 PM |
| 6802  | Ruby master | Feature | Assigned | String#scan should have equivalent yielding MatchData   | matz (Yukihiko Matsumoto)        | 12/25/2017 06:15 PM |
| 12745 | Ruby master | Feature | Feedback | String#(g)sub(!) should pass a MatchData to the block, not a String   | matz (Yukihiko Matsumoto)        | 11/03/2021 11:46 PM |
| 13303 | Ruby master | Feature | Feedback | String#any? as !String#empty?   | matz (Yukihiko Matsumoto)        | 02/23/2021 05:14 PM |
| 11028 | Ruby master | Feature | Assigned | standalone running single file ( zipped archives of ruby code) running **without installation** using "gem install ..."       | matz (Yukihiko Matsumoto)        | 04/04/2015 01:44 AM |
| 12075 | Ruby master | Feature | Feedback | some container#nonempty?  | matz (Yukihiko Matsumoto)        | 10/07/2021 03:11 AM |
| 6841  | Ruby master | Feature | Assigned | Shorthand for Assigning Return Value of Method to Self  | matz (Yukihiko Matsumoto)        | 12/10/2020 08:53 AM |
| 7511  | Ruby master | Feature | Feedback | short-circuiting logical implication operator   | matz (Yukihiko Matsumoto)        | 12/10/2020 08:55 AM |
| 16992 | Ruby master | Feature | Open     | Sets: officially ordered  | matz (Yukihiko Matsumoto)        | 09/03/2020 02:08 PM |



| #     | Project     | Tracker | Status   | Subject   | Assignee                  | Updated             |
|-------|-------------|---------|----------|---|---------------------------|---------------------|
| 5741  | Ruby master | Feature | Assigned | Secure Erasure of Passwords   | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 6367  | Ruby master | Feature | Feedback | #same? for Enumerable   | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 8232  | Ruby master | Feature | Open     | Rudiments of abstract algebra in Ruby                                       | matz (Yukihiko Matsumoto) | 04/09/2013 01:47 AM |
| 6219  | Ruby master | Feature | Feedback | Return value of Hash#store  | matz (Yukihiko Matsumoto) | 12/10/2020 08:46 AM |
| 7848  | Ruby master | Feature | Open     | Restore default state for core ruby objects                                 | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 5643  | Ruby master | Feature | Assigned | require/load options and binding option                                     | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 6445  | Ruby master | Feature | Assigned | request for default length/position on string index                         | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 10287 | Ruby master | Feature | Open     | rename COLON3 to COLON2_HEAD.   | matz (Yukihiko Matsumoto) | 07/27/2021 09:34 AM |
| 10541 | Ruby master | Misc    | Open     | Remove shorthand string interpolation syntax                                | matz (Yukihiko Matsumoto) | 10/08/2015 05:44 PM |
| 7702  | Ruby master | Feature | Open     | Remove Proc#binding   | matz (Yukihiko Matsumoto) | 07/15/2019 07:39 PM |
| 6354  | Ruby master | Feature | Assigned | Remove escape (break/return/redo/next support) from class/module scope      | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 15445 | Ruby master | Feature | Open     | Reject '.123' in Float() method   | matz (Yukihiko Matsumoto) | 01/10/2019 07:59 AM |
| 11704 | Ruby master | Bug     | Assigned | Refinements only get "used" once in loop                                    | matz (Yukihiko Matsumoto) | 04/14/2016 02:45 AM |
| 13129 | Ruby master | Feature | Assigned | Refinements cannot refine method_missing and respond_to_missing?            | matz (Yukihiko Matsumoto) | 07/03/2021 10:45 PM |
| 9704  | Ruby master | Feature | Open     | Refinements as files instead of modules                                     | matz (Yukihiko Matsumoto) | 10/11/2016 06:36 PM |
| 15723 | Ruby master | Misc    | Feedback | Reconsider numbered parameters  | matz (Yukihiko Matsumoto) | 10/03/2019 07:16 PM |
| 7580  | Ruby master | Feature | Assigned | Range translation   | matz (Yukihiko Matsumoto) | 06/11/2018 09:51 AM |
| 6317  | Ruby master | Feature | Assigned | Range#cover? Range#cover? Range#cover? Range#cover?                         | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 11518 | Ruby master | Feature | Open     | Queue enhancement - promote! and promote_all!                               | matz (Yukihiko Matsumoto) | 09/17/2015 08:40 PM |
| 11517 | Ruby master | Feature | Open     | Queue enhancement - conditional pop   | matz (Yukihiko Matsumoto) | 09/17/2015 09:02 PM |
| 5781  | Ruby master | Feature | Assigned | Query attributes (attribute methods ending in `?' mark)                     | matz (Yukihiko Matsumoto) | 01/10/2020 06:34 AM |
| 14397 | Ruby master | Feature | Assigned | public, protected and private should return their arguments instead of self | matz (Yukihiko Matsumoto) | 12/10/2018 07:08 AM |
| 8164  | Ruby master | Feature | Assigned | Public/Private  | matz (Yukihiko Matsumoto) | 12/10/2020 08:50 AM |
| 4824  | Ruby master | Feature | Assigned | Provide method Kernel#executed?   | matz (Yukihiko Matsumoto) | 03/05/2018 04:57 AM |
| 6648  | Ruby master | Feature | Assigned | Provide a standard API for retrieving all command-line flags passed to Ruby | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 8271  | CommonRuby  | Feature | Assigned | Proposal for moving to a more visible, formal process for feature requests  | matz (Yukihiko Matsumoto) | 04/03/2019 05:22 AM |
| 16461 | Ruby master | Feature | Assigned | Proc#using  | matz (Yukihiko Matsumoto) | 12/10/2020 09:10 AM |
| 5007  | Ruby master | Feature | Assigned | Proc#call_under: Unifying instance_eval and instance_exec                   | matz (Yukihiko Matsumoto) | 04/19/2018 07:57 AM |
| 11735 | Ruby master | Feature | Open     | Porting String#squish and String#squish! from Ruby on Rails' Active Support | matz (Yukihiko Matsumoto) | 06/24/2016 08:02 AM |
| 6697  | Ruby master | Feature | Feedback | [PATCH] Add Kernel#Symbol conversion method like String(), Array() etc.     | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 11816 | Ruby master | Feature | Assigned | Partial safe navigation operator  | matz (Yukihiko Matsumoto) | 04/14/2020 08:02 AM |
| 6817  | Ruby master | Feature | Open     | Partial application   | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 9614  | Ruby master | Feature | Open     | ordering of non-Hash items which use st_ internally                         | matz (Yukihiko Matsumoto) | 01/05/2018 09:00 PM |

| #     | Project     | Tracker | Status   | Subject  | Assignee                  | Updated             |
|-------|-------------|---------|----------|--|---------------------------|---------------------|
| 17288 | Ruby master | Feature | Open     | Optimize __send__ call with a literal method name  | matz (Yukihiko Matsumoto) | 10/30/2020 12:17 AM |
| 17291 | Ruby master | Feature | Assigned | Optimize __send__ call   | matz (Yukihiko Matsumoto) | 01/12/2021 05:47 AM |
| 6739  | Ruby master | Feature | Feedback | One-line rescue statement should support specifying an exception class   | matz (Yukihiko Matsumoto) | 05/18/2016 12:42 AM |
| 8804  | Ruby master | Feature | Open     | ONCE syntax  | matz (Yukihiko Matsumoto) | 01/04/2020 08:26 PM |
| 8663  | Ruby master | Feature | Open     | Officially alias ArgumentError to ArgError   | matz (Yukihiko Matsumoto) | 08/09/2013 07:42 PM |
| 5521  | Ruby master | Feature | Feedback | Numeric#rational? Numeric#complex? Numeric#float? [] []  | matz (Yukihiko Matsumoto) | 12/10/2020 08:49 AM |
| 5514  | Ruby master | Feature | Feedback | Numeric [] quotient [] quotrem [] []   | matz (Yukihiko Matsumoto) | 12/10/2020 08:49 AM |
| 17184 | Ruby master | Feature | Open     | No stdlib function to perform simple string replacement  | matz (Yukihiko Matsumoto) | 02/23/2021 09:27 PM |
| 4521  | Ruby master | Feature | Assigned | NoMethodError#message may take very long to execute  | matz (Yukihiko Matsumoto) | 12/25/2017 06:14 PM |
| 6293  | Ruby master | Feature | Assigned | new queue / blocking queues  | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 5749  | Ruby master | Feature | Assigned | new method String#match_all needed   | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 5389  | Ruby master | Feature | Assigned | New method Enumerator#iterate  | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 6596  | Ruby master | Feature | Assigned | New method `Array#indexes`   | matz (Yukihiko Matsumoto) | 07/29/2020 01:41 AM |
| 5445  | Ruby master | Feature | Assigned | Need RUBYOPT -r before ARGV -r   | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 8026  | Ruby master | Feature | Feedback | Need Module#prepended_modules  | matz (Yukihiko Matsumoto) | 01/16/2020 06:12 AM |
| 11779 | Ruby master | Bug     | Feedback | Module#using does not make sense as a method   | matz (Yukihiko Matsumoto) | 06/17/2021 09:58 AM |
| 14332 | Ruby master | Feature | Assigned | Module.used_refinements to list refinement modules   | matz (Yukihiko Matsumoto) | 11/19/2021 11:38 PM |
| 15837 | Ruby master | Feature | Open     | Module#name_components   | matz (Yukihiko Matsumoto) | 05/08/2019 10:29 AM |
| 5628  | Ruby master | Feature | Feedback | Module#basename  | matz (Yukihiko Matsumoto) | 08/29/2020 05:01 PM |
| 6810  | Ruby master | Feature | Assigned | `module A::B; end` is not equivalent to `module A; module B; end; end` with respect to constant lookup (scope) | matz (Yukihiko Matsumoto) | 12/10/2020 09:22 AM |
| 11087 | Ruby master | Feature | Feedback | Method to retrieve {local,global,instance} variables as a Hash   | matz (Yukihiko Matsumoto) | 06/12/2015 09:13 AM |
| 9768  | Ruby master | Feature | Assigned | Method that is visible only within a certain module/class  | matz (Yukihiko Matsumoto) | 04/25/2014 06:43 AM |
| 11882 | Ruby master | Feature | Open     | Map or NamedMap  | matz (Yukihiko Matsumoto) | 01/17/2021 01:31 PM |
| 8365  | Ruby master | Feature | Feedback | Make variables objects   | matz (Yukihiko Matsumoto) | 08/19/2016 07:21 PM |
| 7503  | Ruby master | Feature | Assigned | make timeout.rb async-interrupt safe by default  | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 8371  | Ruby master | Feature | Feedback | Make some enumerators mimic arrays   | matz (Yukihiko Matsumoto) | 06/02/2013 04:11 PM |
| 9123  | Ruby master | Feature | Open     | Make Numeric#nonzero? behavior consistent with Numeric#zero?   | matz (Yukihiko Matsumoto) | 06/11/2019 12:55 PM |
| 11627 | CommonRuby  | Feature | Open     | make `nonzero` an alias of `nonzero?`  | matz (Yukihiko Matsumoto) | 10/29/2015 01:25 PM |
| 10498 | Ruby master | Feature | Open     | Make `loop` yield a counter  | matz (Yukihiko Matsumoto) | 01/05/2018 09:01 PM |
| 6413  | Ruby master | Feature | Assigned | Make Dir.entries default to Dir.entries(Dir.pwd)   | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 7604  | Ruby master | Feature | Open     | Make === comparison operator ability to delegate comparison to an argument                                     | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 6251  | Ruby master | Feature | Feedback | Magic comments for compile options   | matz (Yukihiko Matsumoto) | 08/21/2015 11:47 PM |

| #     | Project     | Tracker | Status   | Subject  | Assignee                  | Updated             |
|-------|-------------|---------|----------|--|---------------------------|---------------------|
| 9602  | Ruby master | Feature | Feedback | Logic with `Enumerable#grep`   | matz (Yukihiko Matsumoto) | 12/01/2019 05:23 PM |
| 14927 | Ruby master | Feature | Open     | Loading multiple files at once   | matz (Yukihiko Matsumoto) | 09/18/2018 12:38 AM |
| 7548  | Ruby master | Feature | Open     | Load and Require Callbacks   | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 14609 | Ruby master | Feature | Open     | Let `Kernel#p` without an argument print the receiver                              | matz (Yukihiko Matsumoto) | 02/08/2020 08:43 PM |
| 5456  | Ruby master | Feature | Assigned | kernel#syscall() should be removed.  | matz (Yukihiko Matsumoto) | 12/10/2020 08:46 AM |
| 15112 | Ruby master | Feature | Open     | Introducing the short form of `STDERR.puts expr.inspect`.                          | matz (Yukihiko Matsumoto) | 10/12/2018 02:02 AM |
| 8096  | CommonRuby  | Feature | Feedback | introduce Time.current_timestamp   | matz (Yukihiko Matsumoto) | 10/02/2013 02:37 PM |
| 14128 | Ruby master | Feature | Open     | Introduce Hash#delete default value  | matz (Yukihiko Matsumoto) | 11/25/2017 04:41 PM |
| 9070  | Ruby master | Feature | Open     | Introduce `---` as synonym of `end` keyword  | matz (Yukihiko Matsumoto) | 11/02/2013 03:23 AM |
| 15192 | Ruby master | Feature | Open     | Introduce a new "shortcut assigning" syntax to convenient setup instance variables | matz (Yukihiko Matsumoto) | 06/09/2021 04:21 AM |
| 18159 | Ruby master | Feature | Open     | Integrate functionality of dead_end gem into Ruby                                  | matz (Yukihiko Matsumoto) | 09/17/2021 09:51 PM |
| 6594  | Ruby master | Feature | Assigned | Integrated Functor   | matz (Yukihiko Matsumoto) | 12/10/2020 08:53 AM |
| 16894 | Ruby master | Feature | Open     | Integer division for Ruby 3  | matz (Yukihiko Matsumoto) | 05/18/2020 03:41 PM |
| 7644  | Ruby master | Feature | Assigned | In refinements, change "using" keyword to a less generic word.                     | matz (Yukihiko Matsumoto) | 12/10/2020 08:49 AM |
| 7377  | Ruby master | Feature | Open     | #indetical? as an alias for #equal?  | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 16495 | Ruby master | Feature | Open     | Inconsistent quotes in error messages  | matz (Yukihiko Matsumoto) | 08/07/2020 12:27 AM |
| 14982 | Ruby master | Feature | Open     | Improve namespace system in ruby to avoiding top-level names chaos                 | matz (Yukihiko Matsumoto) | 12/10/2020 09:16 AM |
| 12306 | Ruby master | Feature | Open     | Implement String #blank? #present? and improve #strip and family to handle unicode | matz (Yukihiko Matsumoto) | 07/22/2018 10:55 PM |
| 8536  | Ruby master | Feature | Assigned | Implement is_numeric? family of methods  | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 5064  | Ruby master | Feature | Assigned | HTTP user-agent class  | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 8707  | Ruby master | Feature | Feedback | Hash#reverse_each  | matz (Yukihiko Matsumoto) | 01/05/2018 09:00 PM |
| 6118  | Ruby master | Feature | Feedback | Hash#keys_of(values), returns related keys of given values                         | matz (Yukihiko Matsumoto) | 01/10/2019 08:16 AM |
| 14546 | Ruby master | Feature | Open     | Hash#delete!   | matz (Yukihiko Matsumoto) | 05/30/2018 08:24 PM |
| 6277  | Ruby master | Feature | Assigned | Hash#convert_key   | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 6641  | Ruby master | Feature | Open     | Hash.auto constructor  | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 4264  | Ruby master | Feature | Feedback | General type coercion protocol for Ruby  | matz (Yukihiko Matsumoto) | 12/25/2017 06:14 PM |
| 8948  | Ruby master | Feature | Assigned | Frozen regex   | matz (Yukihiko Matsumoto) | 12/20/2020 07:15 PM |
| 7611  | Ruby master | Feature | Open     | Focal method for all loads/requires  | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 17849 | Ruby master | Feature | Open     | Fix Timeout.timeout so that it can be used in threaded Web servers                 | matz (Yukihiko Matsumoto) | 11/09/2021 02:09 AM |
| 6337  | Ruby master | Feature | Assigned | FileUtils#sync   | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 6671  | Ruby master | Feature | Assigned | File.split_all and File.split_root   | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |

| #     | Project     | Tracker | Status   | Subject  | Assignee                  | Updated             |
|-------|-------------|---------|----------|--|---------------------------|---------------------|
| 6811  | Ruby master | Feature | Assigned | File, Dir and FileUtils should have bang-versions of singleton methods that fails silently | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 8168  | Ruby master | Feature | Feedback | Feature request: support for (single) statement lambda syntax/definition                   | matz (Yukihiro Matsumoto) | 01/11/2014 11:36 AM |
| 10355 | Ruby master | Feature | Feedback | Feature request: Module#prepend?(mod)  | matz (Yukihiro Matsumoto) | 01/05/2018 09:01 PM |
| 6376  | Ruby master | Feature | Assigned | Feature lookup and checking if feature is loaded   | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 7121  | Ruby master | Feature | Assigned | Extending the use of `require`   | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 8229  | Ruby master | Feature | Open     | extend Hash.include?   | matz (Yukihiro Matsumoto) | 12/10/2020 08:53 AM |
| 12543 | Ruby master | Feature | Assigned | explicit tail call syntax: foo() then return   | matz (Yukihiro Matsumoto) | 04/18/2021 03:02 PM |
| 11122 | Ruby master | Feature | Open     | exception-free non-blocking Queue/SizedQueue operations                                    | matz (Yukihiro Matsumoto) | 05/06/2015 08:53 PM |
| 11307 | Ruby master | Feature | Open     | exception-free non-blocking Queue#pop  | matz (Yukihiro Matsumoto) | 06/25/2015 11:06 PM |
| 15123 | Ruby master | Feature | Feedback | Enumerable#compact proposal  | matz (Yukihiro Matsumoto) | 10/30/2019 07:30 PM |
| 6308  | CommonRuby  | Feature | Assigned | Eliminate delegation from WeakRef  | matz (Yukihiro Matsumoto) | 11/01/2013 04:28 AM |
| 6869  | Ruby master | Feature | Open     | Do not treat `__` parameter exceptionally  | matz (Yukihiro Matsumoto) | 12/10/2020 08:58 AM |
| 8520  | Ruby master | Feature | Feedback | Distinct to_s methods for Array, Hash...   | matz (Yukihiro Matsumoto) | 06/14/2013 12:37 AM |
| 16630 | Ruby master | Misc    | Assigned | Deprecate pub/ruby/*snapshot* and use pub/ruby/snapshot/* instead                          | matz (Yukihiro Matsumoto) | 02/27/2020 09:52 AM |
| 10042 | Ruby master | Feature | Feedback | Deprecate postfix rescue syntax for removal in 3.0   | matz (Yukihiro Matsumoto) | 12/10/2020 08:53 AM |
| 10549 | Ruby master | Feature | Open     | Deprecate each_with_index and each_with_object in favor of with_index and with_object      | matz (Yukihiro Matsumoto) | 07/27/2021 11:09 AM |
| 7739  | Ruby master | Feature | Assigned | Define Hash#  as Hash#reverse_merge in Rails   | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 4514  | Ruby master | Feature | Assigned | #deep_clone and #deep_dup for Objects  | matz (Yukihiro Matsumoto) | 12/25/2017 06:14 PM |
| 14760 | Ruby master | Misc    | Open     | cross-thread IO#close semantics  | matz (Yukihiro Matsumoto) | 05/17/2018 08:21 AM |
| 5129  | Ruby master | Feature | Assigned | Create a core class "FileArray" and make "ARGF" its instance                               | matz (Yukihiro Matsumoto) | 01/23/2018 02:02 PM |
| 8850  | Ruby master | Feature | Assigned | Convert Rational to decimal string   | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 7314  | Ruby master | Feature | Assigned | Convert Proc to Lambda doesn't work in MRI   | matz (Yukihiro Matsumoto) | 05/21/2016 09:15 AM |
| 7748  | Ruby master | Feature | Open     | Contextual send  | matz (Yukihiro Matsumoto) | 12/10/2020 08:53 AM |
| 7149  | Ruby master | Feature | Open     | Constant magic for everyone.   | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 7087  | Ruby master | Feature | Assigned | ::ConditionVariable#wait does not work with Monitor because Monitor#sleep does not exist   | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 6611  | Ruby master | Feature | Assigned | Comments requested on implementation of set_parse_func                                     | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 8839  | Ruby master | Feature | Assigned | Class and module should return the class or module that was opened                         | matz (Yukihiro Matsumoto) | 12/28/2015 08:36 AM |
| 7546  | Ruby master | Feature | Open     | Change behavior of `Array#slice` for an argument of `Range` class                          | matz (Yukihiro Matsumoto) | 12/10/2020 08:49 AM |
| 14724 | Ruby master | Feature | Open     | chains of inequalities   | matz (Yukihiro Matsumoto) | 05/19/2018 01:06 AM |
| 7914  | Ruby master | Feature | Open     | Case for local class methods   | matz (Yukihiro Matsumoto) | 12/25/2017 06:15 PM |
| 12813 | Ruby master | Feature | Assigned | Calling chunk_while, slice_after, slice_before, slice_when with no block                   | matz (Yukihiro Matsumoto) | 12/06/2016 12:58 PM |

| #     | Project     | Tracker | Status   | Subject  | Assignee                  | Updated             |
|-------|-------------|---------|----------|--|---------------------------|---------------------|
| 12019 | CommonRuby  | Feature | Open     | Better low-level support for writing concurrent libraries                              | matz (Yukihiko Matsumoto) | 01/27/2016 06:27 AM |
| 6478  | Ruby master | Feature | Feedback | BasicObject#__class__  | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 15330 | Ruby master | Feature | Open     | autoload_relative  | matz (Yukihiko Matsumoto) | 04/09/2020 07:59 PM |
| 15277 | Ruby master | Feature | Open     | at_exec  | matz (Yukihiko Matsumoto) | 05/25/2020 01:09 AM |
| 4539  | Ruby master | Feature | Assigned | Array#zip_with   | matz (Yukihiko Matsumoto) | 11/28/2019 08:23 AM |
| 9023  | CommonRuby  | Feature | Assigned | Array#tail   | matz (Yukihiko Matsumoto) | 07/26/2016 02:06 PM |
| 7444  | Ruby master | Feature | Open     | Array#product_set  | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 7657  | Ruby master | Feature | Open     | Array#& doesn't accept Enumerables   | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 6515  | Ruby master | Feature | Feedback | array.c: added method that verifies if an Array is part of another                     | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 16986 | Ruby master | Feature | Open     | Anonymous Struct literal   | matz (Yukihiko Matsumoto) | 12/14/2020 08:19 PM |
| 7939  | Ruby master | Feature | Feedback | Alternative curry function creation  | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 7132  | Ruby master | Feature | Assigned | Alternation between named / ordered method arguments and aliases for method arguments. | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 11390 | Ruby master | Feature | Open     | Allow symbols starting with numbers  | matz (Yukihiko Matsumoto) | 08/14/2015 05:23 AM |
| 15991 | Ruby master | Feature | Open     | Allow questionmarks in variable names  | matz (Yukihiko Matsumoto) | 07/30/2019 03:57 AM |
| 17785 | Ruby master | Feature | Open     | Allow named parameters to be keywords  | matz (Yukihiko Matsumoto) | 06/09/2021 12:08 AM |
| 8678  | Ruby master | Feature | Assigned | Allow invalid string to work with regexp   | matz (Yukihiko Matsumoto) | 01/05/2018 09:00 PM |
| 10404 | Ruby master | Feature | Open     | Allow individual finalizers to be removed with ObjectSpace.undefine_finalizer          | matz (Yukihiko Matsumoto) | 10/20/2014 08:14 AM |
| 7436  | Ruby master | Feature | Assigned | Allow for a "granularity" flag for backtrace_locations                                 | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 6452  | Ruby master | Feature | Assigned | Allow extend to override class methods   | matz (Yukihiko Matsumoto) | 12/10/2020 08:53 AM |
| 5582  | Ruby master | Feature | Assigned | Allow clone of singleton methods on a BasicObject                                      | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 17279 | Ruby master | Feature | Open     | Allow a negative step in Range#step with a block                                       | matz (Yukihiko Matsumoto) | 10/22/2020 02:23 AM |
| 8016  | Ruby master | Feature | Assigned | Alias __FILE__ and __LINE__ as methods   | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 7614  | Ruby master | Feature | Open     | alias_accessor   | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 5945  | Ruby master | Feature | Assigned | Add the ability to mark a at_exit as process-local.                                    | matz (Yukihiko Matsumoto) | 10/10/2018 08:29 AM |
| 9064  | Ruby master | Feature | Feedback | Add support for packages, like in Java   | matz (Yukihiko Matsumoto) | 07/29/2014 02:07 AM |
| 10574 | Ruby master | Feature | Open     | Add String#lchomp and String.lchomp!   | matz (Yukihiko Matsumoto) | 12/15/2014 04:34 PM |
| 9043  | Ruby master | Feature | Open     | Add String#f method as shortcut for #freeze  | matz (Yukihiko Matsumoto) | 01/05/2018 09:00 PM |
| 7883  | Ruby master | Feature | Open     | Add Regexp#to_proc   | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |
| 11484 | Ruby master | Feature | Feedback | add output offset for readpartial/read_nonblock/etc                                    | matz (Yukihiko Matsumoto) | 09/25/2017 07:28 AM |
| 7654  | Ruby master | Feature | Open     | Add optional code block to IO::readlines   | matz (Yukihiko Matsumoto) | 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 |
| 4818  | Ruby master | Feature | Assigned | Add method marshalable?  | matz (Yukihiko Matsumoto) | 12/25/2017 06:15 PM |

| #     | Project     | Tracker | Status   | Subject   | Assignee                             | Updated             |
|-------|-------------|---------|----------|---|--------------------------------------|---------------------|
| 7876  | Ruby master | Feature | Open     | Add method for accessing Class from within Singleton Class                | matz (Yukihiro Matsumoto)            | 12/25/2017 06:15 PM |
| 17830 | Ruby master | Feature | Open     | Add Integer#previous and Integer#prev                                     | matz (Yukihiro Matsumoto)            | 04/27/2021 11:35 PM |
| 10489 | Ruby master | Feature | Open     | Add inherit method for clearer and multiple inheritance                   | matz (Yukihiro Matsumoto)            | 12/10/2020 08:53 AM |
| 10481 | Ruby master | Feature | Assigned | Add "if" and "unless" clauses to rescue statements                        | matz (Yukihiro Matsumoto)            | 01/18/2015 02:46 PM |
| 18364 | Ruby master | Feature | Open     | Add GC.stat_size_pool for Variable Width Allocation                       | matz (Yukihiro Matsumoto)            | 11/29/2021 09:48 AM |
| 5970  | Ruby master | Feature | Assigned | Add Enumerable#join with same semantics as Array#join                     | matz (Yukihiro Matsumoto)            | 12/25/2017 06:15 PM |
| 5644  | Ruby master | Feature | Feedback | add Enumerable#exclude? antonym   | matz (Yukihiro Matsumoto)            | 12/25/2017 06:15 PM |
| 17265 | Ruby master | Feature | Feedback | Add `Bool` module   | matz (Yukihiro Matsumoto)            | 10/26/2020 09:44 AM |
| 12244 | Ruby master | Feature | Open     | Add a way to `integer - integer % num`                                    | matz (Yukihiro Matsumoto)            | 05/17/2016 06:05 AM |
| 6727  | Ruby master | Feature | Feedback | Add Array#rest (with implementation)                                      | matz (Yukihiro Matsumoto)            | 08/14/2019 08:51 AM |
| 6309  | Ruby master | Feature | Assigned | Add a reference queue for weak references                                 | matz (Yukihiro Matsumoto)            | 08/23/2020 09:07 PM |
| 7704  | Ruby master | Feature | Open     | Add a list of enabled (experimental) language features.                   | matz (Yukihiro Matsumoto)            | 12/25/2017 06:15 PM |
| 11181 | Ruby master | Feature | Open     | Add a line directive to Ruby  | matz (Yukihiro Matsumoto)            | 01/26/2016 02:04 AM |
| 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 |
| 18260 | Ruby master | Bug     | Open     | YJIT uses insecure mmap protections                                       | maximecb (Maxime Chevalier-Boisvert) | 10/21/2021 08:34 PM |
| 17339 | Ruby master | Feature | Assigned | Semantic grouping with BigDecimal#to_s                                    | mrkn (Kenta Murata)                  | 12/18/2020 02:37 PM |
| 10782 | Ruby master | Feature | Assigned | Patch: Add constants for BigDecimal for ZERO, ONE, TEN                    | mrkn (Kenta Murata)                  | 05/21/2015 08:13 AM |
| 5522  | Ruby master | Feature | Feedback | Numeric#finite? Numeric#infinite? Numeric#nan?                            | mrkn (Kenta Murata)                  | 12/10/2020 08:54 AM |
| 7321  | Ruby master | Feature | Assigned | Newton.#nsolve 2  | mrkn (Kenta Murata)                  | 12/25/2017 06:15 PM |
| 5310  | Ruby master | Feature | Assigned | Integral objects  | mrkn (Kenta Murata)                  | 12/25/2017 06:15 PM |
| 8295  | Ruby master | Feature | Assigned | Float Rational BigDecimal   | mrkn (Kenta Murata)                  | 12/25/2017 06:15 PM |
| 5179  | Ruby master | Bug     | Assigned | Complex#rationalize and to_r with approximate zeros                       | mrkn (Kenta Murata)                  | 01/17/2020 03:00 AM |
| 13754 | Ruby master | Bug     | Assigned | bigdecimal with lower precision than Float                                | mrkn (Kenta Murata)                  | 05/20/2018 09:16 PM |
| 6857  | Ruby master | Feature | Assigned | bigdecimal/math BigMath.E/BigMath.exp R. P. Feynman inspired optimization | mrkn (Kenta Murata)                  | 12/25/2017 06:15 PM |
| 8826  | Ruby master | Bug     | Assigned | BigDecimal#div and #quo different behavior and inconsistencies            | mrkn (Kenta Murata)                  | 05/20/2018 06:55 PM |
| 5133  | Ruby master | Feature | Assigned | Array#unzip as an alias of Array#transpose                                | mrkn (Kenta Murata)                  | 12/25/2017 06:15 PM |
| 3647  | Ruby master | Feature | Feedback | Array#sample(n, replace=false)  | mrkn (Kenta Murata)                  | 03/11/2020 02:09 AM |
| 16350 | Ruby master | Feature | Assigned | ArithmeticSequence#member? can result in infinite loop                    | mrkn (Kenta Murata)                  | 05/29/2020 10:26 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 |
| 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 |
| 5654  | Ruby master | Feature | Assigned | Introduce global lock to avoid concurrent require                         | nahi (Hiroshi Nakamura)              | 12/25/2017 06:15 PM |
| 17638 | Ruby master | Feature | Assigned | Support backtracing with the libbacktrace library                         | naruse (Yui NARUSE)                  | 03/05/2021 03:40 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 |

| #     | Project     | Tracker | Status   | Subject   | Assignee                | Updated             |
|-------|-------------|---------|----------|---|-------------------------|---------------------|
| 6265  | Ruby master | Feature | Assigned | Remove 'useless' 'concatenation' syntax   | naruse (Yui NARUSE)     | 08/10/2016 02:36 AM |
| 3388  | Ruby master | Feature | Feedback | regexp support for start_with? and end_with?  | naruse (Yui NARUSE)     | 12/25/2017 06:02 PM |
| 10628 | Ruby master | Misc    | Open     | Peformance of URI module  | naruse (Yui NARUSE)     | 12/26/2014 04:08 PM |
| 13221 | Ruby master | Feature | Assigned | [PATCH] gems/bundled_gems: add "curses" RubyGem   | naruse (Yui NARUSE)     | 09/25/2017 06:32 PM |
| 17835 | Ruby master | Bug     | Assigned | Net::HTTP should automatically add Accept-Encoding request header on HEAD request as well                 | naruse (Yui NARUSE)     | 11/24/2021 05:10 AM |
| 5764  | Ruby master | Feature | Assigned | Net::HTTP should assume HTTP/0.9 on unexpected responses  | naruse (Yui NARUSE)     | 07/15/2019 05:06 PM |
| 9020  | Ruby master | Feature | Assigned | Net::HTTPResponse predicate/query methods   | naruse (Yui NARUSE)     | 12/25/2017 06:15 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 |
| 16559 | Ruby master | Feature | Open     | Net::HTTP#request injects "Connection: close" header if #started? is false, wasting HTTP server resources | naruse (Yui NARUSE)     | 05/28/2020 07:37 PM |
| 15517 | Ruby master | Feature | Assigned | Net::HTTP not recognizing valid UTF-8   | naruse (Yui NARUSE)     | 03/09/2021 10:41 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 |
| 14972 | Ruby master | Bug     | Assigned | Net::HTTP inconsistently raises EOFError when peer closes the connection                                  | naruse (Yui NARUSE)     | 03/01/2021 09:20 PM |
| 2567  | Ruby master | Feature | Assigned | Net::HTTP does not handle encoding correctly  | naruse (Yui NARUSE)     | 12/15/2017 08:22 AM |
| 7892  | Ruby master | Bug     | Open     | MIME encoding bug of NKF.nkf  | naruse (Yui NARUSE)     | 12/25/2017 06:15 PM |
| 15007 | Ruby master | Misc    | Open     | Let all Init_XXX and extension APIs frequently called from init code paths be considered cold             | naruse (Yui NARUSE)     | 12/06/2018 11:05 AM |
| 17111 | Ruby master | Feature | Assigned | Improve performance of Net::HTTPHeader#set_form by 40%  | naruse (Yui NARUSE)     | 08/10/2020 05:36 AM |
| 15931 | Ruby master | Feature | Open     | encoding for CESU-8   | naruse (Yui NARUSE)     | 12/20/2019 05:42 AM |
| 15940 | Ruby master | Feature | Open     | Coerce symbols internal fstrings in UTF8 rather than ASCII to better share memory with string literals    | naruse (Yui NARUSE)     | 07/30/2019 04:17 AM |
| 5461  | Ruby master | Feature | Assigned | Add pipelining to Net::HTTP   | naruse (Yui NARUSE)     | 12/25/2017 06:15 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 |
| 9208  | Ruby master | Bug     | Assigned | Win32 ANSI color no longer works since revision 43331   | nobu (Nobuyoshi Nakada) | 12/30/2019 03:00 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 |
| 12725 | Ruby master | Bug     | Assigned | Trying to use ./miniruby before it exists   | nobu (Nobuyoshi Nakada) | 04/28/2017 01:45 PM |
| 17662 | Ruby master | Misc    | Assigned | The heredoc pattern used in tests does not syntax highlight correctly in many editors                     | nobu (Nobuyoshi Nakada) | 06/30/2021 12:54 PM |
| 13269 | Ruby master | Bug     | Assigned | test/readline/test_readline.rb and mingw  | nobu (Nobuyoshi Nakada) | 03/13/2017 08:56 AM |
| 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 |
| 12473 | Ruby master | Bug     | Assigned | Test failure on fedora with TestTimeExtension#test_huge_precision   | 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 |

| #     | Project     | Tracker | Status   | Subject   | Assignee                | Updated             |
|-------|-------------|---------|----------|---|-------------------------|---------------------|
| 16497 | Ruby master | Bug     | Assigned | StringIO#internal_encoding is broken (more severely in 2.7)   | nobu (Nobuyoshi Nakada) | 10/26/2021 04:31 PM |
| 9414  | Ruby master | Bug     | Feedback | strftime returns incorrectly encoded string   | nobu (Nobuyoshi Nakada) | 01/05/2018 09:00 PM |
| 16025 | Ruby master | Misc    | Assigned | 'st_check_for_sizeof_st_index_t' declared as array with a negative size (emscripten)  | nobu (Nobuyoshi Nakada) | 07/30/2019 11:20 AM |
| 11670 | Ruby master | Feature | Open     | Show warning to make nested def obsolete  | nobu (Nobuyoshi Nakada) | 11/09/2015 07:40 AM |
| 12444 | Ruby master | Bug     | Assigned | Segmentation fault when running TestException#test_machine_stackoverflow on cygwin  | nobu (Nobuyoshi Nakada) | 04/28/2017 01:45 PM |
| 5317  | Ruby master | Bug     | Assigned | ruby off_t  | nobu (Nobuyoshi Nakada) | 01/05/2018 09:00 PM |
| 16978 | Ruby master | Feature | Open     | Ruby should not use realpath for __FILE__   | nobu (Nobuyoshi Nakada) | 07/04/2021 08:35 PM |
| 8270  | Ruby master | Feature | Open     | Ruby should build without thread support (aka minix)  | nobu (Nobuyoshi Nakada) | 12/10/2020 08:53 AM |
| 16747 | Ruby master | Misc    | Assigned | Repository reorganization request   | nobu (Nobuyoshi Nakada) | 05/22/2020 01:30 PM |
| 6769  | Ruby master | Feature | Assigned | rbinstall.rb: install both src and batch files separately   | nobu (Nobuyoshi Nakada) | 10/30/2015 12:38 PM |
| 14692 | Ruby master | Misc    | Open     | Question: Ruby stdlib's Option Parser   | nobu (Nobuyoshi Nakada) | 04/22/2018 05:53 AM |
| 6012  | Ruby master | Feature | Assigned | Proc#source_location also return the column   | nobu (Nobuyoshi Nakada) | 02/12/2019 07:49 AM |
| 8460  | Ruby master | Feature | Assigned | PATCH: optparse: add keep_unknown option  | nobu (Nobuyoshi Nakada) | 05/27/2021 10:07 PM |
| 15305 | Ruby master | Feature | Open     | [PATCH] include/ruby/ruby.h (RB_ALLOCV*): remove GC guard   | nobu (Nobuyoshi Nakada) | 07/27/2021 11:39 AM |
| 12506 | Ruby master | Bug     | Assigned | On cygwin, Feature #5994 does not work  | nobu (Nobuyoshi Nakada) | 04/28/2017 01:45 PM |
| 12436 | Ruby master | Bug     | Assigned | newline argument of File.open seems not respected on Windows  | nobu (Nobuyoshi Nakada) | 10/25/2021 09:07 AM |
| 4924  | Ruby master | Feature | Assigned | mkmf have_header fails with C++ headers   | nobu (Nobuyoshi Nakada) | 12/25/2017 06:15 PM |
| 17578 | Ruby master | Bug     | Assigned | mkmf experimental C++ Support   | nobu (Nobuyoshi Nakada) | 01/27/2021 03:51 AM |
| 8299  | Ruby master | Bug     | Assigned | Minor error in float parsing  | nobu (Nobuyoshi Nakada) | 12/30/2019 03:00 AM |
| 13298 | Ruby master | Bug     | Assigned | mingw SEGV TestEnumerable#test_callcc   | nobu (Nobuyoshi Nakada) | 06/04/2021 03:41 AM |
| 12440 | Ruby master | Bug     | Feedback | make test-all is not working on cygwin  | nobu (Nobuyoshi Nakada) | 05/31/2016 09:46 AM |
| 12064 | Ruby master | Feature | Open     | Make creation of enc/unicode/casefold.h automatic again   | nobu (Nobuyoshi Nakada) | 02/12/2016 06:13 AM |
| 14543 | Ruby master | Bug     | Assigned | `make commit` show error of `common-srcs`   | nobu (Nobuyoshi Nakada) | 06/02/2018 04:17 AM |
| 7745  | Ruby master | Feature | Open     | lib/observer.rb: Observers are compared by identity   | nobu (Nobuyoshi Nakada) | 12/25/2017 06:15 PM |
| 9955  | Ruby master | Bug     | Assigned | issue building dll on mingw, library not found  | nobu (Nobuyoshi Nakada) | 01/05/2018 09:00 PM |
| 16291 | Ruby master | Feature | Open     | Introduce support for resize in rb_ary_freeze and prefer internal use of rb_ary_freeze and rb_str_freeze for String and Array types | nobu (Nobuyoshi Nakada) | 12/25/2020 02:43 AM |
| 13516 | Ruby master | Feature | Assigned | Improve the text of the circular require warning  | nobu (Nobuyoshi Nakada) | 08/31/2017 05:49 AM |
| 7532  | Ruby master | Feature | Assigned | Hardcoded compiler location   | nobu (Nobuyoshi Nakada) | 12/25/2017 06:15 PM |
| 13332 | Ruby master | Feature | Feedback | Forwardable#def_instance_delegator nil  | nobu (Nobuyoshi Nakada) | 09/25/2017 08:20 AM |
| 5174  | Ruby master | Feature | Feedback | Export ruby_init_prelude()  | nobu (Nobuyoshi Nakada) | 12/25/2017 06:15 PM |
| 15806 | Ruby master | Misc    | Assigned | Explicitly initialise encodings on init to remove branches on encoding lookup   | nobu (Nobuyoshi Nakada) | 08/29/2019 04:29 AM |



| #     | Project     | Tracker | Status   | Subject  | Assignee                | Updated             |
|-------|-------------|---------|----------|--|-------------------------|---------------------|
| 11840 | Ruby master | Bug     | Open     | Error with "make check" on Cygwin                              | nobu (Nobuyoshi Nakada) | 12/29/2019 10:32 AM |
| 14971 | Ruby master | Bug     | Open     | error: implicit declaration of function 'rb_vm_call0           | nobu (Nobuyoshi Nakada) | 09/06/2018 03:53 AM |
| 12590 | Ruby master | Bug     | Open     | Error compiling parse.c on cygwin                              | nobu (Nobuyoshi Nakada) | 07/18/2016 04:09 AM |
| 7394  | Ruby master | Feature | Assigned | Enumerable#find ifnone parameter could be non-callable         | nobu (Nobuyoshi Nakada) | 02/10/2021 09:32 AM |
| 13378 | Ruby master | Feature | Open     | Eliminate 4 of 8 syscalls when requiring file by absolute path | nobu (Nobuyoshi Nakada) | 06/16/2017 07:57 AM |

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