

## Issues

| #     | Project     | Tracker | Status   | Subject  | Assignee                   | Updated             |
|-------|-------------|---------|----------|--|----------------------------|---------------------|
| 16038 | Ruby master | Feature | Open     | Provide a public WeakMap that compares by equality rather than by identity   |                            | 11/26/2021 07:14 PM |
| 18034 | Ruby master | Bug     | Assigned | Segmentation fault fiddle with `--enable-bundled-libffi` and macOS   | kou (Kouhei Sutou)         | 11/26/2021 08:47 AM |
| 18133 | Ruby master | Bug     | Open     | LTO: TestGCCCompact#test_ast_compacts segfaults on i686  |                            | 11/26/2021 08:24 AM |
| 18004 | Ruby master | Feature | Open     | Add Async to the stdlib  |                            | 11/26/2021 06:01 AM |
| 18364 | Ruby master | Feature | Open     | Add GC.stat_size_pool for Variable Width Allocation  | matz (Yukihiro Matsumoto)  | 11/25/2021 06:34 PM |
| 18346 | Ruby master | Misc    | Open     | DevelopersMeeting20211209Japan   |                            | 11/25/2021 04:32 PM |
| 18257 | Ruby master | Bug     | Open     | SystemTap/DTrace core dump on ppc64le/s390x  |                            | 11/24/2021 01:59 PM |
| 18337 | Ruby master | Bug     | Assigned | Ruby allows zero-width characters in identifiers   | duerst (Martin Dürst)      | 11/24/2021 09:13 AM |
| 16776 | Ruby master | Bug     | Assigned | Regression in coverage library   | ko1 (Koichi Sasada)        | 11/24/2021 07:26 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 |
| 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 |
| 6733  | Ruby master | Feature | Open     | New inspect framework  |                            | 11/24/2021 05:06 AM |
| 12911 | Ruby master | Misc    | Assigned | Translate docs   |                            | 11/24/2021 04:52 AM |
| 18360 | Ruby master | Feature | Open     | PrettyPrint enhancements   |                            | 11/24/2021 12:15 AM |
| 18336 | Ruby master | Feature | Feedback | How to deal with Trojan Source vulnerability   |                            | 11/23/2021 08:39 PM |
| 18296 | Ruby master | Feature | Open     | Custom exception formatting should override `Exception#full_message`.  |                            | 11/23/2021 07:51 PM |
| 18285 | Ruby master | Misc    | Open     | NoMethodError#message uses a lot of CPU/is really expensive to call  |                            | 11/23/2021 05:56 PM |
| 18359 | Ruby master | Bug     | Open     | [Windows MinGW] warning Please include winsock2.h before windows.h   |                            | 11/23/2021 05:07 PM |
| 18353 | Ruby master | Bug     | Feedback | Czech keyboard input encoding on czech Windows   |                            | 11/23/2021 09:38 AM |
| 18349 | Ruby master | Feature | Open     | Let --jit enable YJIT on supported platforms   |                            | 11/22/2021 09:12 PM |
| 18357 | Ruby master | Feature | Open     | Proposal: stop raising when block passed to IO#each_* closes the IO  |                            | 11/22/2021 09:03 PM |
| 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 |
| 18355 | Ruby master | Bug     | Open     | require("pathname") within rack application changes behaviors of Pathname methods, such as absolute?(), when there are two versions of 'pathname' gem installed. |                            | 11/21/2021 01:05 AM |
| 18354 | Ruby master | Misc    | Open     | Lazily create singletons on instance_{exec,eval}   |                            | 11/20/2021 11:50 PM |
| 18352 | Ruby master | Misc    | Open     | What is the Hash#grep expected?  |                            | 11/20/2021 10:39 AM |
| 18262 | Ruby master | Feature | Open     | Enumerator::Lazy#partition   |                            | 11/20/2021 10:17 AM |
| 14332 | Ruby master | Feature | Assigned | Module.used_refinements to list refinement modules   | matz (Yukihiro Matsumoto)  | 11/19/2021 11:38 PM |
| 16663 | Ruby master | Feature | Open     | Add block or filtered forms of Kernel#caller to allow early bail-out   |                            | 11/19/2021 08:18 PM |

| #     | Project     | Tracker | Status   | Subject  | Assignee                  | Updated             |
|-------|-------------|---------|----------|--|---------------------------|---------------------|
| 18351 | Ruby master | Feature | Open     | Support anonymous rest and keyword rest argument forwarding  | matz (Yukihiro Matsumoto) | 11/19/2021 06:58 PM |
| 18270 | Ruby master | Feature | Assigned | Refinement#{extend_object,append_features,prepend_features} should be removed                        | shugo (Shugo Maeda)       | 11/19/2021 02:08 AM |
| 12737 | Ruby master | Feature | Assigned | Module#defined_refinements   |                           | 11/19/2021 02:01 AM |
| 11689 | Ruby master | Feature | Open     | Add methods allow us to get visibility from Method and UnboundMethod object.                         |                           | 11/18/2021 05:23 PM |
| 16252 | Ruby master | Feature | Open     | Hash#partition should return hashes  |                           | 11/18/2021 03:54 PM |
| 18339 | Ruby master | Feature | Open     | GVL instrumentation API  |                           | 11/18/2021 02:15 PM |
| 18334 | Ruby master | Feature | Open     | ENV#to_h returns a new Hash object but Hash#to_h does not, which can cause inconsistencies           |                           | 11/17/2021 05:46 PM |
| 18276 | Ruby master | Feature | Open     | `Proc#bind_call(obj)` same as `obj.instance_exec(..., &proc_obj)`                                    |                           | 11/16/2021 12:31 PM |
| 18332 | Ruby master | Feature | Open     | a ? b  |                           | 11/16/2021 12:49 AM |
| 18294 | Ruby master | Bug     | Open     | error when parsing regexp comment  |                           | 11/15/2021 09:59 AM |
| 18338 | Ruby master | Bug     | Open     | Encoding.default_external = Encoding::UTF_16BE may add a wrongly-encoded string to \$LOADED_FEATURES |                           | 11/15/2021 07:32 AM |
| 18331 | Ruby master | Feature | Open     | Kernel.#Time   |                           | 11/13/2021 12:41 PM |
| 18033 | Ruby master | Feature | Open     | Time.new to parse a string   |                           | 11/12/2021 11:33 AM |
| 18269 | Ruby master | Bug     | Open     | trace_opt_not and trace_opt_regexpmatch2 insns are indistinguishable                                 |                           | 11/12/2021 07:44 AM |
| 18170 | Ruby master | Bug     | Assigned | Exception#inspect should not include newlines  | mame (Yusuke Endoh)       | 11/11/2021 01:52 PM |
| 18280 | Ruby master | Feature | Feedback | Allow rb_utf8_str_new_cstr(NULL)   |                           | 11/11/2021 10:28 AM |
| 18286 | Ruby master | Bug     | Open     | Universal arm64/x86_64 binary built on an x86_64 machine segfaults/is killed on arm64                |                           | 11/10/2021 06:08 PM |
| 18035 | Ruby master | Feature | Open     | Introduce general model/semantic for immutable by default.   |                           | 11/09/2021 04:47 PM |
| 18127 | Ruby master | Feature | Open     | Ractor-local version of Singleton  |                           | 11/09/2021 02:45 PM |
| 17849 | Ruby master | Feature | Open     | Fix Timeout.timeout so that it can be used in threaded Web servers                                   | matz (Yukihiro Matsumoto) | 11/09/2021 02:09 AM |
| 12125 | Ruby master | Feature | Open     | Proposal: Shorthand operator for Object#method   |                           | 11/08/2021 06:13 PM |
| 18292 | Ruby master | Bug     | Open     | 3.1.0-dev `include` cause Module to be marked as initialized   |                           | 11/08/2021 01:28 PM |
| 18291 | Ruby master | Feature | Open     | When use =~ with named group, if regex is on the right side, variable not defined.                   |                           | 11/06/2021 12:36 PM |
| 18243 | Ruby master | Bug     | Open     | Ractor.make_shareable does not freeze the receiver of a Proc but allows accessing ivars of it        |                           | 11/03/2021 11:57 PM |
| 12745 | Ruby master | Feature | Feedback | String#gsub(!) should pass a MatchData to the block, not a String                                    | matz (Yukihiro Matsumoto) | 11/03/2021 11:46 PM |
| 18281 | Ruby master | Bug     | Open     | Ruby 3.1.0: gem uninstall -alx fails to uninstall debug  |                           | 11/01/2021 11:08 PM |
| 15667 | Ruby master | Feature | Open     | Introduce malloc_trim(0) in full gc cycles   |                           | 11/01/2021 07:32 AM |
| 18277 | Ruby master | Bug     | Open     | buffer error (Zlib::BufError) in Zlib::Deflate#deflate when using MJIT                               |                           | 10/30/2021 10:13 PM |
| 18279 | Ruby master | Feature | Open     | ENV.merge! support multile arguments as Hash.merge!  |                           | 10/30/2021 05:05 PM |
| 18137 | Ruby master | Feature | Open     | A new method to check Proc is isolated or not  |                           | 10/27/2021 07:30 AM |

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|-------|-------------|---------|----------|--|--------------------------------------|---------------------|
| 16497 | Ruby master | Bug     | Assigned | StringIO#internal_encoding is broken (more severely in 2.7)  | nobu (Nobuyoshi Nakada)              | 10/26/2021 04:31 PM |
| 17837 | Ruby master | Feature | Open     | Add support for Regexp timeouts  |                                      | 10/25/2021 05:21 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 |
| 18255 | Ruby master | Bug     | Open     | ioctl zeroes the last buffer byte  |                                      | 10/25/2021 08:13 AM |
| 18265 | Ruby master | Feature | Open     | Self-contained one-binary feature which discuss on ruby kaigi 2021 day 2, <a href="#">Ruby Committers vs the World / CRuby Committers</a>                          |                                      | 10/24/2021 04:11 PM |
| 16989 | Ruby master | Feature | Assigned | Sets: need ♥   | knu (Akinori MUSA)                   | 10/23/2021 09:04 PM |
| 17873 | Ruby master | Feature | Assigned | Update of default gems in Ruby 3.1   | hsbt (Hiroshi SHIBATA)               | 10/23/2021 08:58 PM |
| 18260 | Ruby master | Bug     | Open     | YJIT uses insecure mmap protections  | maximecb (Maxime Chevalier-Boisvert) | 10/21/2021 08:34 PM |
| 18083 | Ruby master | Feature | Open     | Capture error in ensure block.   |                                      | 10/21/2021 01:00 PM |
| 18259 | Ruby master | Feature | Open     | Support quarter spec %q in Time#strftime   |                                      | 10/21/2021 12:15 PM |
| 18258 | Ruby master | Bug     | Open     | Ractor.shareable? can be slow and mutates internal object flags.   | ko1 (Koichi Sasada)                  | 10/21/2021 08:58 AM |
| 18256 | Ruby master | Feature | Open     | Change the canonical name of Thread::Mutex, Thread::Queue, Thread::SizedQueue and Thread::ConditionVariable to just Mutex, Queue, SizedQueue and ConditionVariable |                                      | 10/20/2021 10:59 PM |
| 17146 | Ruby master | Bug     | Open     | Queue operations are allowed after it is frozen  |                                      | 10/20/2021 08:32 PM |
| 18130 | Ruby master | Bug     | Assigned | Showing exceptions from Ractor on console causes errors  | ko1 (Koichi Sasada)                  | 10/20/2021 12:45 AM |
| 17468 | Ruby master | Feature | Open     | Deprecate RUBY_DEVEL   |                                      | 10/19/2021 09:29 PM |
| 18253 | Ruby master | Misc    | Assigned | `ID` in `rb_id_table_foreach_with_replace`   | tenderlovemaking (Aaron Patterson)   | 10/18/2021 06:29 AM |
| 16953 | Ruby master | Bug     | Feedback | Windows bash bin files removed in master   |                                      | 10/15/2021 01:57 AM |
| 17774 | Ruby master | Bug     | Open     | Quantified empty group causes regex to fail  |                                      | 10/13/2021 04:43 PM |
| 14103 | Ruby master | Bug     | Open     | Regexp absense operator has no chance to ^C  |                                      | 10/13/2021 03:48 PM |
| 16456 | Ruby master | Feature | Open     | Ruby 2.7 argument delegation (...) should be its own kind of parameter in Method#parameters  |                                      | 10/13/2021 12:12 PM |
| 18155 | Ruby master | Bug     | Open     | (nil..nil).cover?(x) is true for all x since beginless ranges were introduced  |                                      | 10/13/2021 06:41 AM |
| 18248 | Ruby master | Misc    | Open     | Add Feature Triaging Guide   |                                      | 10/12/2021 03:21 PM |
| 18249 | Ruby master | Bug     | Open     | The ABI version of dev builds of CRuby does not correspond to the ABI  |                                      | 10/11/2021 05:59 PM |
| 18242 | Ruby master | Feature | Open     | Parser makes multiple assignment sad in confusing way  |                                      | 10/09/2021 07:58 AM |
| 18247 | Ruby master | Bug     | Open     | weird results for `Array#slice` or `Array#[...]` with argument of type `Enumerator::ArithmeticSequence`  |                                      | 10/08/2021 03:56 PM |
| 18244 | Ruby master | Bug     | Feedback | Unexpected errors output order   |                                      | 10/08/2021 10:48 AM |
| 10416 | Ruby master | Bug     | Open     | Create mechanism for updating of Unicode data files downstreams when we want   | nobu (Nobuyoshi Nakada)              | 10/08/2021 06:40 AM |

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|-------|-------------|---------|----------|---|----------------------------|---------------------|
| 15425 | Ruby master | Feature | Feedback | Store MJIT header into Ruby versioned directory.  | k0kubun (Takashi Kokubun)  | 10/07/2021 11:03 PM |
| 12075 | Ruby master | Feature | Feedback | some container#nonempty?  | matz (Yukihiro Matsumoto)  | 10/07/2021 03:11 AM |
| 14794 | Ruby master | Feature | Open     | Primitive arrays (Ruby 3x3)   |                            | 10/07/2021 12:00 AM |
| 18231 | Ruby master | Feature | Open     | `RubyVM.keep_script_lines`  | ko1 (Koichi Sasada)        | 10/04/2021 05:20 PM |
| 18228 | Ruby master | Feature | Open     | Add a `timeout` option to `IO.copy_stream`  |                            | 10/01/2021 05:10 AM |
| 18227 | Ruby master | Feature | Open     | Static class initialization.  | ioquatix (Samuel Williams) | 09/29/2021 09:21 PM |
| 12719 | Ruby master | Feature | Feedback | `Struct#merge` for partial updates  |                            | 09/29/2021 09:16 PM |
| 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 |
| 17629 | Ruby master | Bug     | Open     | macOS, readline compiled with libedit: adding entries to history doesn't work unless Readline.readline is called before populating it |                            | 09/29/2021 02:26 AM |
| 17295 | Ruby master | Feature | Assigned | Feature: Create a directory and file with Pathname#touch  | akr (Akira Tanaka)         | 09/28/2021 01:20 AM |
| 16908 | Ruby master | Bug     | Open     | Strange behaviour of Hash#shift when used with `default_proc`.  |                            | 09/27/2021 05:37 AM |
| 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 |
| 18181 | Ruby master | Feature | Open     | Introduce Enumerable#min_with_value, max_with_value, and minmax_with_value  |                            | 09/24/2021 06:46 PM |
| 18169 | Ruby master | Bug     | Assigned | Local copies of gemified libraries are being released out of sync with their gems   | hsbt (Hiroshi SHIBATA)     | 09/24/2021 05:14 PM |
| 18190 | Ruby master | Feature | Open     | Split `Random::Formatter` from securerandom   |                            | 09/23/2021 08:24 AM |
| 18186 | Ruby master | Bug     | Open     | SEGV with system command - MinGW?   |                            | 09/22/2021 03:20 PM |
| 18179 | Ruby master | Feature | Open     | Add Math methods to Numeric   |                            | 09/22/2021 01:44 AM |
| 18183 | Ruby master | Feature | Open     | make SecureRandom.choose public   |                            | 09/21/2021 10:49 PM |
| 17882 | Ruby master | Bug     | Open     | bootstrapstest/test_ractor.rb:224 segfaults on Cygwin   |                            | 09/18/2021 06:51 PM |
| 18151 | Ruby master | Feature | Open     | Incorrect Resolv result when DNS server is unreachable  |                            | 09/18/2021 12:22 AM |
| 18159 | Ruby master | Feature | Open     | Integrate functionality of dead_end gem into Ruby   | matz (Yukihiro Matsumoto)  | 09/17/2021 09:51 PM |
| 18158 | Ruby master | Bug     | Open     | Pathname#each_entry without block does not return Enumerator  |                            | 09/17/2021 07:33 PM |
| 17568 | Ruby master | Bug     | Feedback | Thread.handle_interrupt is per-Thread but should probably be per-Fiber  |                            | 09/16/2021 04:28 PM |
| 18136 | Ruby master | Feature | Open     | take_while_after  |                            | 09/16/2021 02:15 PM |
| 18037 | Ruby master | Feature | Open     | Update Unicode data to Unicode Version 14.0.0   | duerst (Martin Dürst)      | 09/15/2021 07:32 AM |
| 18168 | Ruby master | Feature | Open     | Add ActiveSupport deep_transform_values to Ruby   |                            | 09/15/2021 05:29 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 |
| 18119 | Ruby master | Bug     | Open     | Ractor crashes when instantiating classes   | ko1 (Koichi Sasada)        | 09/14/2021 01:42 AM |
| 17624 | Ruby master | Bug     | Open     | Ractor.receive is not thread-safe   | ko1 (Koichi Sasada)        | 09/14/2021 01:40 AM |

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|-------|-------------|---------|----------|--|----------------------------|---------------------|
| 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 |
| 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 |
| 17355 | Ruby master | Feature | Assigned | Using same set of names in or-patterns (pattern matching with Foo(x)   Bar(x))   | ksj (Kazuki Tsujimoto)     | 09/13/2021 09:11 AM |
| 18162 | Ruby master | Feature | Open     | Shorthand method Proc#isolate to create isolated proc objects  |                            | 09/13/2021 02:33 AM |
| 18152 | Ruby master | Bug     | Open     | Fix theoretical bug with signals + qsort   |                            | 09/08/2021 03:38 PM |
| 18150 | Ruby master | Misc    | Open     | Proposal: Deprecate leading zero syntax to declare octals, since it's extremely confusing (and Python 3 removed it too)        |                            | 09/04/2021 03:21 AM |
| 18146 | Ruby master | Feature | Open     | Add `delete_prefix` and `delete_suffix` to `Pathname`  |                            | 09/03/2021 04:59 AM |
| 13683 | Ruby master | Feature | Feedback | Add strict Enumerable#single   |                            | 09/02/2021 05:52 PM |
| 18135 | Ruby master | Feature | Open     | Introduce Enumerable#detect_only   |                            | 09/02/2021 05:44 PM |
| 18142 | Ruby master | Bug     | Assigned | Segmentation fault with Ruby 3.0.2   | kOkubun (Takashi Kokubun)  | 09/02/2021 07:43 AM |
| 18144 | Ruby master | Bug     | Open     | Timeout not working while regular expression match is running  |                            | 09/02/2021 07:08 AM |
| 18024 | Ruby master | Bug     | Open     | Ractor crashes when connections are closed in multiple Ractors   |                            | 08/31/2021 01:54 PM |
| 16817 | CommonRuby  | Feature | Open     | attr_predicate or attr_query or attr_something for ? methods   |                            | 08/30/2021 07:50 PM |
| 17294 | Ruby master | Feature | Assigned | Feature: Allow method chaining with Pathname#mkpath Pathname#rmtree  | akr (Akira Tanaka)         | 08/30/2021 06:52 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 |
| 18139 | Ruby master | Feature | Open     | Add a method to stop/kill a Ractor from outside  |                            | 08/30/2021 02:40 AM |
| 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 |
| 16492 | Ruby master | Bug     | Open     | TestBugReporter#test_bug_reporter_add test failures  | jaruga (Jun Aruga)         | 08/24/2021 01:12 PM |
| 17722 | Ruby master | Bug     | Open     | define_method with shareable results in "defined in a different Ractor"  |                            | 08/24/2021 12:03 PM |
| 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 |
| 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 |
| 15428 | Ruby master | Bug     | Open     | Refactor Proc#>> and #<<   |                            | 08/20/2021 06:31 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 |
| 18036 | Ruby master | Bug     | Open     | Pthread fibers become invalid on fork - different from normal fibers.  | ioquatix (Samuel Williams) | 08/19/2021 07:05 AM |
| 18080 | Ruby master | Bug     | Open     | Syntax error on one-line pattern matching  |                            | 08/18/2021 12:38 AM |



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|-------|-------------|---------|----------|--|----------------------------|---------------------|
| 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 |
| 10287 | Ruby master | Feature | Open     | rename COLON3 to COLON2_HEAD.  | matz (Yukihiro Matsumoto)  | 07/27/2021 09:34 AM |
| 11431 | Ruby master | Feature | Open     | [PATCH] rb_parser_compile_*: remove volatile arg   |                            | 07/27/2021 07:27 AM |
| 10473 | Ruby master | Feature | Open     | Change Date#to_datetime to use local time  |                            | 07/23/2021 07:08 PM |
| 12235 | Ruby master | Bug     | Open     | URI.encode issue with square brackets  |                            | 07/20/2021 08:47 AM |
| 14274 | Ruby master | Feature | Open     | Merge Std-Lib Time Class into Core   |                            | 07/19/2021 07:54 AM |
| 11500 | Ruby master | Feature | Open     | [RFC] rename Queue to UnboundedQueue   |                            | 07/19/2021 07:48 AM |
| 14851 | Ruby master | Feature | Open     | [PATCH] thread_pthread.c: remove non-sleepy timer thread implementation                                  |                            | 07/19/2021 05:23 AM |
| 14901 | Ruby master | Feature | Assigned | [PATCH] do not block SIGCHLD in normal Ruby Threads  | normalperson (Eric Wong)   | 07/19/2021 05:23 AM |
| 17391 | Ruby master | Feature | Open     | How about removing File.exists?  |                            | 07/19/2021 05:18 AM |
| 17994 | Ruby master | Feature | Open     | Clarify `IO.read` behavior and add `File.read` method  |                            | 07/16/2021 03:04 AM |
| 3187  | Ruby master | Feature | Feedback | Allow dynamic Fiber stack size   | ko1 (Koichi Sasada)        | 07/15/2021 06:07 PM |
| 17938 | Ruby master | Feature | Open     | Keyword alternative for boolean positional arguments   |                            | 07/15/2021 06:46 AM |
| 13671 | Ruby master | Bug     | Open     | Regexp with lookbehind and case-insensitivity raises RegexpError only on strings with certain characters |                            | 07/14/2021 11:47 PM |
| 18002 | Ruby master | Bug     | Open     | s390x: Tests failing without LC_ALL env  | jaruga (Jun Aruga)         | 07/12/2021 04:30 PM |
| 17664 | Ruby master | Bug     | Assigned | Behavior of sockets changed in Ruby 3.0 to non-blocking  | ioquatix (Samuel Williams) | 07/12/2021 10:28 AM |
| 17370 | Ruby master | Feature | Assigned | Introduce non-blocking `Addrinfo.getaddrinfo` and related methods.                                       | ioquatix (Samuel Williams) | 07/09/2021 09:33 PM |
| 15993 | Ruby master | Bug     | Open     | 'require' doesn't work if there are Cyrillic chars in the path to Ruby dir                               |                            | 07/09/2021 04:08 PM |
| 17924 | Ruby master | Feature | Open     | Range#infinite?  |                            | 07/08/2021 11:58 PM |
| 17931 | Ruby master | Bug     | Open     | Compile fails setup option nodynamic   |                            | 07/07/2021 08:51 AM |
| 16978 | Ruby master | Feature | Open     | Ruby should not use realpath for __FILE__  | nobu (Nobuyoshi Nakada)    | 07/04/2021 08:35 PM |
| 13129 | Ruby master | Feature | Assigned | Refinements cannot refine method_missing and respond_to_missing?   | matz (Yukihiro Matsumoto)  | 07/03/2021 10:45 PM |
| 16805 | Ruby master | Misc    | Assigned | Coroutine's license is unclear   | ReiOclair (Rei Odaira)     | 07/01/2021 10:09 PM |
| 17833 | Ruby master | Feature | Open     | add IO.readinto(b) where b is a bytes like object that is you can get a memoryview from                  |                            | 06/30/2021 02:36 PM |
| 17992 | Ruby master | Feature | Feedback | Upstreaming the htmlentities gem into CGI#.(un)escape_html   |                            | 06/30/2021 02:26 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 |
| 18013 | Ruby master | Bug     | Open     | Unexpected results when mixing 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 |
| 18005 | Ruby master | Feature | Open     | Enable non-blocking `binding.irb`.   |                           | 06/24/2021 07:20 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 |
| 14378 | Ruby master | Feature | Open     | Increase Fixnum range on Windows from 31 bits to 63 bits   |                           | 06/18/2021 07:31 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 |
| 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 |
| 14275 | Ruby master | Feature | Open     | GC not aggressive enough   |                           | 06/17/2021 06:54 PM |
| 14570 | Ruby master | Feature | Open     | Make File.expand_path/real_path casing consistent on Windows   |                           | 06/17/2021 04:22 PM |
| 12913 | Ruby master | Feature | Assigned | A way to configure the default maximum width of pp   | nobu (Nobuyoshi Nakada)   | 06/17/2021 02:51 PM |
| 11779 | Ruby master | Bug     | Feedback | Module#using does not make sense as a method   | matz (Yukihiro Matsumoto) | 06/17/2021 09:58 AM |
| 17763 | Ruby master | Feature | Open     | Implement cache for cvars  |                           | 06/17/2021 07:19 AM |
| 16962 | Ruby master | Feature | Feedback | Make IO.for_fd autoclose option default to false   |                           | 06/17/2021 06:54 AM |
| 16951 | Ruby master | Bug     | Assigned | Consistently referer dependencies  | hsbt (Hiroshi SHIBATA)    | 06/17/2021 06:15 AM |
| 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 |
| 14835 | Ruby master | Feature | Open     | Support TracePoint#raised_exception on non-:raise events   |                           | 06/16/2021 07:46 PM |
| 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 |
| 17950 | Ruby master | Feature | Open     | Unable to pattern-match against a String key   |                           | 06/15/2021 11:42 AM |
| 17944 | Ruby master | Feature | Open     | Remove Socket.gethostbyaddr and Socket.gethostbyname   |                           | 06/10/2021 08:26 AM |
| 10320 | Ruby master | Feature | Open     | require into module  |                           | 06/10/2021 08:15 AM |
| 17942 | Ruby master | Feature | Open     | Add a `initialize(public @a, private @b)` shortcut syntax for defining public/private accessors for instance vars as part of constructor |                           | 06/09/2021 05:32 AM |
| 15192 | Ruby master | Feature | Open     | Introduce a new "shortcut assigning" syntax to convenient setup instance variables   | matz (Yukihiro Matsumoto) | 06/09/2021 04:21 AM |
| 17785 | Ruby master | Feature | Open     | Allow named parameters to be keywords  | matz (Yukihiro Matsumoto) | 06/09/2021 12:08 AM |
| 15928 | Ruby master | Bug     | Open     | Constant declaration does not conform to JIS 3017:2013   |                           | 06/07/2021 03:41 PM |



| #     | Project     | Tracker | Status   | Subject  | Assignee                          | Updated             |
|-------|-------------|---------|----------|--|-----------------------------------|---------------------|
| 17502 | Ruby master | Misc    | Open     | C vs Ruby  | ko1 (Koichi Sasada)               | 06/05/2021 09:21 AM |
| 17683 | Ruby master | Misc    | Open     | Current status of beginless range (experimental or not)  |                                   | 06/05/2021 07:22 AM |
| 17925 | Ruby master | Bug     | Open     | Pattern matching syntax using semicolon one-line   |                                   | 06/04/2021 03:08 PM |
| 13298 | Ruby master | Bug     | Assigned | mingw SEGV TestEnumerable#test_callcc  | nobu (Nobuyoshi Nakada)           | 06/04/2021 03:41 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 |
| 8460  | Ruby master | Feature | Assigned | PATCH: optparse: add keep_unknown option   | nobu (Nobuyoshi Nakada)           | 05/27/2021 10:07 PM |
| 17884 | Ruby master | Feature | Open     | locindex for profiling tools   | ko1 (Koichi Sasada)               | 05/24/2021 04:17 PM |
| 17866 | Ruby master | Bug     | Assigned | Incompatible changes with Psych 4.0.0  | tenderlovmaking (Aaron Patterson) | 05/23/2021 10:42 PM |
| 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 |
| 17210 | Ruby master | Feature | Open     | More readable and useful `Set#inspect`   | knu (Akinori MUSAHA)              | 05/19/2021 10:12 PM |
| 17047 | Ruby master | Feature | Open     | Support parameters for MAIL FROM and RCPT TO   |                                   | 05/17/2021 04:54 AM |
| 17859 | Ruby master | Feature | Open     | Start IRB when running just `ruby`   |                                   | 05/14/2021 07:54 AM |
| 17856 | Ruby master | Feature | Open     | ary.member? is slower than ary.include?  |                                   | 05/11/2021 10:12 AM |
| 17844 | Ruby master | Feature | Open     | Support list of methods to test with respond_to?   |                                   | 05/06/2021 07:00 PM |
| 17834 | Ruby master | Feature | Open     | Add a Bytes and ByteArray class that implement memoryview  |                                   | 05/06/2021 02:22 PM |
| 17851 | Ruby master | Feature | Open     | ruby extension for memoryview  |                                   | 05/05/2021 03:15 PM |
| 17825 | Ruby master | Feature | Open     | Uniformize Float::INFINITY and Date::infinity.new  |                                   | 05/04/2021 01:43 AM |
| 17843 | Ruby master | Bug     | Open     | Ruby on Rails error[BUG] Segmentation fault at 0x000000000000110 ruby 3.0.1p64 (2021-04-05 revision 0fb782ee38) [x86_64-darwin15] (#42110) |                                   | 05/03/2021 12:46 AM |
| 17840 | Ruby master | Bug     | Open     | `make install` overriding file permission with 644   |                                   | 04/30/2021 03:06 PM |
| 17810 | Ruby master | Bug     | Open     | addr2line.c: Some symbol names missing in C backtrace with Clang/LLVM  |                                   | 04/30/2021 02:11 PM |
| 17647 | Ruby master | Feature | Open     | Print register `r11` on 32-bit ARM Linux   |                                   | 04/30/2021 11:22 AM |
| 17799 | Ruby master | Bug     | Open     | Seg fault in rb_class_clear_method_cache   |                                   | 04/28/2021 03:02 AM |
| 17830 | Ruby master | Feature | Open     | Add Integer#previous and Integer#prev  | matz (Yukihiro Matsumoto)         | 04/27/2021 11:35 PM |
| 14090 | Ruby master | Bug     | Open     | `TestGc#test_interrupt_in_finalizer` fails very rarely   | kosaki (Motohiro KOSAKI)          | 04/27/2021 07:23 PM |
| 17016 | Ruby master | Feature | Open     | Enumerable#accumulate  |                                   | 04/27/2021 03:14 PM |
| 9010  | Ruby master | Bug     | Assigned | ./configure --prefix= cannot handle directories with spaces  | nobu (Nobuyoshi Nakada)           | 04/26/2021 10:38 PM |
| 17829 | Ruby master | Misc    | Open     | Clang/LLVM correctness of x64-mingw32 build (`shorten-64-to-32` warnings)  |                                   | 04/26/2021 04:23 PM |
| 17826 | Ruby master | Bug     | Open     | Ractor#take hangs if used in multiple Threads  |                                   | 04/25/2021 12:53 PM |

| #     | Project     | Tracker | Status   | Subject  | Assignee                  | Updated             |
|-------|-------------|---------|----------|--|---------------------------|---------------------|
| 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 |
| 17790 | Ruby master | Feature | Open     | Have a way to clear a String without resetting its capacity                    |                           | 04/21/2021 11:27 PM |
| 14607 | Ruby master | Bug     | Open     | Fix use of the rb_profile_frames start parameter                               |                           | 04/20/2021 09:59 PM |
| 17815 | Ruby master | Misc    | Open     | Snapcraft Ruby plugin  |                           | 04/20/2021 07:59 PM |
| 17813 | Ruby master | Bug     | Open     | rb_funcall() may reset the latest socket error unexpectedly since Ruby 3.0.0   |                           | 04/19/2021 09:40 AM |
| 12543 | Ruby master | Feature | Assigned | explicit tail call syntax: foo() then return                                   | matz (Yukihiro Matsumoto) | 04/18/2021 03:02 PM |
| 17808 | Ruby master | Feature | Open     | Feature Request: JS like splat of Object properties as named method parameters |                           | 04/17/2021 11:43 PM |
| 11230 | Ruby master | Bug     | Open     | Should rb_struct_s_members() be public API?                                    |                           | 04/17/2021 05:06 PM |
| 17403 | Ruby master | Feature | Open     | Remove Fixnum and Bignum   |                           | 04/17/2021 05:04 PM |
| 17753 | Ruby master | Feature | Open     | Add Module#namespace   |                           | 04/17/2021 08:04 AM |
| 17749 | Ruby master | Feature | Open     | Const source location without name   |                           | 04/17/2021 07:38 AM |
| 17797 | Ruby master | Feature | Open     | MIPS support for addr2line.c   |                           | 04/13/2021 03:49 AM |
| 17786 | Ruby master | Feature | Open     | Proposal: new "ends" keyword   |                           | 04/11/2021 01:40 AM |
| 16816 | Ruby master | Feature | Open     | Prematurely terminated Enumerator should stay terminated                       |                           | 04/09/2021 09:24 PM |
| 12133 | Ruby master | Feature | Feedback | Ability to exclude start when defining a range                                 |                           | 04/07/2021 06:49 AM |
| 17472 | Ruby master | Feature | Open     | HashWithIndifferentAccess like Hash extension                                  |                           | 04/02/2021 07:42 PM |
| 17773 | Ruby master | Feature | Open     | Alias `Numeric#zero?` and `Float#zero?` as `Numeric#empty?` and `Float#empty?` |                           | 04/02/2021 03:39 PM |
| 17771 | Ruby master | Feature | Open     | String#start_with? should not construct MatchData or set \$~                   |                           | 04/02/2021 02:49 PM |
| 12689 | Ruby master | Bug     | Open     | Thread isolation of \$~ and \$_  |                           | 04/01/2021 08:51 PM |
| 17765 | Ruby master | Bug     | Open     | Segmentation fault when calling String#gsub                                    |                           | 03/31/2021 10:13 PM |
| 17363 | Ruby master | Feature | Assigned | Timeouts   | ko1 (Koichi Sasada)       | 03/31/2021 06:34 PM |
| 16295 | Ruby master | Feature | Open     | Chainable aliases for String#-@ and String#+@                                  |                           | 03/30/2021 11:11 PM |
| 17758 | Ruby master | Feature | Open     | Provide Hash#count for performance improvement                                 |                           | 03/28/2021 06:39 PM |
| 17354 | Ruby master | Bug     | Open     | Module#const_source_location is misleading for constants awaiting autoload     |                           | 03/26/2021 05:56 PM |
| 17679 | Ruby master | Bug     | Assigned | Ractor incoming channel can consume unlimited resources                        | ko1 (Koichi Sasada)       | 03/26/2021 09:16 AM |
| 17743 | Ruby master | Feature | Open     | Show argument types in backtrace   |                           | 03/25/2021 06:39 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 |
| 17682 | Ruby master | Feature | Open     | String#casecmp performance improvement   |                           | 03/24/2021 02:29 PM |
| 17718 | Ruby master | Feature | Open     | a method paramaters object that can be pattern matched against                 |                           | 03/24/2021 01:29 PM |
| 17685 | Ruby master | Feature | Feedback | Marshal format for out of band buffer objects                                  |                           | 03/24/2021 07:39 AM |
| 17741 | Ruby master | Feature | Open     | Ruby links to `objc` for convenience - this should be moved into a native ext  |                           | 03/23/2021 01:24 AM |
| 17142 | Ruby master | Bug     | Open     | Ruby fails to build in AIX   |                           | 03/20/2021 07:08 AM |



| #     | Project     | Tracker | Status   | Subject   | Assignee                  | Updated             |
|-------|-------------|---------|----------|---|---------------------------|---------------------|
| 17627 | Ruby master | Feature | Open     | Suggestion: Implement `freeze_values` instance method on collection-like classes.   |                           | 02/16/2021 07:58 PM |
| 17593 | Ruby master | Feature | Assigned | load_iseq_eval should override the ISeq path  | ko1 (Koichi Sasada)       | 02/16/2021 08:27 AM |
| 7394  | Ruby master | Feature | Assigned | Enumerable#find ifnone parameter could be non-callable  | nobu (Nobuyoshi Nakada)   | 02/10/2021 09:32 AM |
| 17140 | Ruby master | Feature | Open     | Merge Enumerable#grep(_v) with Enumerable#select/reject   |                           | 02/10/2021 07:56 AM |
| 17520 | Ruby master | Feature | Feedback | Allow symbols starting with number, e.g. :2_weeks   |                           | 02/09/2021 10:36 PM |
| 17616 | Ruby master | Feature | Open     | Support backtracing on Linux with non-GNU-libc + libunwind  |                           | 02/09/2021 01:12 PM |
| 17587 | Ruby master | Bug     | Open     | Segmentation fault with ractors and unix signals  | ko1 (Koichi Sasada)       | 02/07/2021 10:03 AM |
| 17611 | Ruby master | Feature | Open     | Expose `rb_execarg` interfaces and `rb_grantpt`   |                           | 02/07/2021 01:52 AM |
| 17598 | Ruby master | Feature | Feedback | XXXXXXXXXXXXXXXXXXXX.....X  |                           | 02/03/2021 01:13 AM |
| 16694 | Ruby master | Bug     | Assigned | JIT vs hardened GCC with PCH  | kOkubun (Takashi Kokubun) | 02/02/2021 07:38 AM |
| 17278 | Ruby master | Feature | Feedback | On-demand sharing of constants for Ractor   |                           | 02/01/2021 04:24 PM |
| 17543 | Ruby master | Bug     | Open     | Ractor isolation broken by `self` in shareable proc   | ko1 (Koichi Sasada)       | 01/29/2021 03:06 PM |
| 12607 | Ruby master | Feature | Feedback | Ruby needs an atomic integer  | ko1 (Koichi Sasada)       | 01/29/2021 12:28 PM |
| 17566 | Ruby master | Feature | Open     | Tune thread QoS / efficiency on macOS   |                           | 01/29/2021 09:16 AM |
| 17531 | Ruby master | Bug     | Open     | `did_you_mean` not Ractor friendly  | ko1 (Koichi Sasada)       | 01/29/2021 08:48 AM |
| 17586 | Ruby master | Misc    | Open     | Please run Windows CI in all std-lib repos  |                           | 01/28/2021 02:34 PM |
| 17578 | Ruby master | Bug     | Assigned | mkmf experimental C++ Support   | nobu (Nobuyoshi Nakada)   | 01/27/2021 03:51 AM |
| 11539 | Ruby master | Feature | Open     | Support explicit declaration of volatile instance variables   |                           | 01/26/2021 03:30 PM |
| 17579 | Ruby master | Feature | Open     | [Proposal] A suggestion for newline-separated shorthand notation, for the creation of Arrays containing strings that may contain ` ` (space) characters |                           | 01/25/2021 04:33 PM |
| 17330 | Ruby master | Feature | Open     | Object#non  |                           | 01/25/2021 03:54 PM |
| 17576 | Ruby master | Feature | Open     | Partial Functions (procs, lambdas)  |                           | 01/24/2021 07:58 PM |
| 13750 | Ruby master | Feature | Open     | Improve String#casecmp? and Symbol#casecmp? performance with ASCII string   |                           | 01/24/2021 07:12 AM |
| 17569 | Ruby master | Misc    | Open     | `uri` lib maintainership  | akr (Akira Tanaka)        | 01/23/2021 10:42 AM |
| 17565 | Ruby master | Misc    | Open     | Prefer use of access(2) in rb_file_load_ok() to check for existence of require'd files  |                           | 01/21/2021 08:52 PM |
| 17562 | Ruby master | Feature | Open     | Update -E option in --help  |                           | 01/19/2021 05:38 PM |
| 14430 | Ruby master | Feature | Open     | net/http: use Socket.tcp with connect_timeout, instead of TCPSocket.open wrapped in Timeout.timeout   |                           | 01/19/2021 10:01 AM |
| 16806 | Ruby master | Feature | Assigned | Struct#initialize accepts keyword arguments too by default  | kOkubun (Takashi Kokubun) | 01/19/2021 12:05 AM |
| 17550 | Ruby master | Feature | Open     | Why no function to get all subdirectories of a directory?   |                           | 01/18/2021 08:57 AM |

| #     | Project     | Tracker | Status   | Subject   | Assignee                       | Updated             |
|-------|-------------|---------|----------|---|--------------------------------|---------------------|
| 11882 | Ruby master | Feature | Open     | Map or NamedMap   | matz (Yukihiro Matsumoto)      | 01/17/2021 01:31 PM |
| 17528 | Ruby master | Feature | Open     | Make Addrinfo.getaddrinfo fall back to Timeout.timeout for :resolv_timeout  |                                | 01/13/2021 08:50 PM |
| 17496 | Ruby master | Feature | Open     | Add constant Math::TAU  |                                | 01/13/2021 05:47 AM |
| 17097 | Ruby master | Feature | Open     | `map_min`, `map_max`  |                                | 01/13/2021 01:24 AM |
| 17357 | Ruby master | Feature | Open     | `Queue#pop` should have a block form for closed queues  |                                | 01/12/2021 07:32 AM |
| 17291 | Ruby master | Feature | Assigned | Optimize __send__ call  | matz (Yukihiro Matsumoto)      | 01/12/2021 05:47 AM |
| 17473 | Ruby master | Feature | Open     | Make Pathname to embedded class of Ruby   | akr (Akira Tanaka)             | 01/12/2021 04:43 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 |
| 17474 | Ruby master | Feature | Open     | Interpreting constants at compile time  |                                | 01/07/2021 04:40 PM |
| 17516 | Ruby master | Bug     | Open     | forking in a ractor causes Ruby to crash  |                                | 01/07/2021 04:27 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 |
| 17513 | Ruby master | Bug     | Open     | Methods of shareable objects and UnboundMethods should be shareable   | ko1 (Koichi Sasada)            | 01/06/2021 08:53 PM |
| 16436 | Ruby master | Misc    | Open     | hash missing #last method, make it not so consistent (it has #first)  |                                | 01/06/2021 09:47 AM |
| 17489 | Ruby master | Bug     | Assigned | Ractor segfaults  | ko1 (Koichi Sasada)            | 01/05/2021 09:25 PM |
| 17316 | Ruby master | Feature | Open     | On memoization  |                                | 01/05/2021 04:46 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 |
| 17373 | Ruby master | Bug     | Open     | Ruby 3.0 is slower at Discourse bench than Ruby 2.7   |                                | 01/04/2021 06:47 AM |
| 17506 | Ruby master | Bug     | Open     | Ractor isolation broken by ThreadGroup  |                                | 01/03/2021 08:05 PM |
| 15225 | Ruby master | Feature | Open     | OpenStruct: Recursively converting child Hash objects to OpenStruct objects.  |                                | 01/03/2021 02:30 AM |
| 17471 | Ruby master | Feature | Open     | send_if method for improved conditional chaining  |                                | 12/29/2020 03:23 PM |
| 16476 | Ruby master | Feature | Open     | Socket.getaddrinfo cannot be interrupted by Timeout.timeout   | Glass_saga (Masaki Matsushita) | 12/28/2020 10:41 AM |
| 16005 | Ruby master | Feature | Open     | A variation of Time.iso8601 that can parse yyyy-MM-dd HH:mm:ss  |                                | 12/26/2020 02:49 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 |
| 17422 | Ruby master | Misc    | Open     | 3.0 documentation problems tracking ticket  |                                | 12/24/2020 12:51 PM |
| 17399 | Ruby master | Misc    | Open     | Are endless methods experimental?   |                                | 12/22/2020 07:05 PM |
| 17393 | Ruby master | Feature | Open     | `Ractor::Moved#inspect`   | ko1 (Koichi Sasada)            | 12/21/2020 05:47 PM |
| 17337 | Ruby master | Bug     | Open     | Don't embed Ruby build-time configuration in Ruby   |                                | 12/21/2020 04:17 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 |
| 17416 | Ruby master | Feature | Open     | Improve performance Kernel#itself   |                                | 12/21/2020 01:14 PM |

| #     | Project     | Tracker | Status   | Subject  | Assignee                  | Updated             |
|-------|-------------|---------|----------|--|---------------------------|---------------------|
| 8948  | Ruby master | Feature | Assigned | Frozen regex   | matz (Yukihiro Matsumoto) | 12/20/2020 07:15 PM |
| 17406 | Ruby master | Feature | Open     | Add `NoMatchingPatternError#depth`   |                           | 12/19/2020 03:18 PM |
| 17404 | Ruby master | Feature | Open     | Ractor `move:` API to allow shareability check   | ko1 (Koichi Sasada)       | 12/18/2020 09:17 PM |
| 17339 | Ruby master | Feature | Assigned | Semantic grouping with BigDecimal#to_s   | mrkn (Kenta Murata)       | 12/18/2020 02:37 PM |
| 17099 | Ruby master | Feature | Open     | Remove boolean argument and warning from Module#attr   |                           | 12/18/2020 04:15 AM |
| 17400 | Ruby master | Bug     | Open     | Incorrect character downcase for Greek Sigma   | duerst (Martin Dürst)     | 12/17/2020 06:56 AM |
| 17342 | Ruby master | Feature | Feedback | Hash#fetch_set   |                           | 12/17/2020 05:28 AM |
| 16986 | Ruby master | Feature | Open     | Anonymous Struct literal   | matz (Yukihiro Matsumoto) | 12/14/2020 08:19 PM |
| 17390 | Ruby master | Misc    | Open     | Class and method-level docs for Ractor   |                           | 12/13/2020 06:33 PM |
| 17333 | Ruby master | Feature | Open     | Enumerable#many?   |                           | 12/11/2020 03:38 AM |
| 17376 | Ruby master | Misc    | Assigned | Reduce number of GitHub Actions  | shyouhei (Shyouhei Urabe) | 12/10/2020 11:50 AM |
| 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 (Yukihiro Matsumoto) | 12/10/2020 09:22 AM |
| 10238 | Ruby master | Feature | Open     | todo: remove dependency on malloc_usable_size  | ko1 (Koichi Sasada)       | 12/10/2020 09:20 AM |
| 14982 | Ruby master | Feature | Open     | Improve namespace system in ruby to avoiding top-level names chaos   | matz (Yukihiro Matsumoto) | 12/10/2020 09:16 AM |
| 16937 | Ruby master | Feature | Assigned | Add DNS over HTTP to Resolv  | akr (Akira Tanaka)        | 12/10/2020 09:15 AM |
| 9713  | Ruby master | Feature | Feedback | __FILE__ return unexpected encoding - breaks Dir.glob  | cruby-windows             | 12/10/2020 09:13 AM |
| 16461 | Ruby master | Feature | Assigned | Proc#using   | matz (Yukihiro Matsumoto) | 12/10/2020 09:10 AM |
| 17134 | Ruby master | Feature | Open     | Add resolv_timeout to TCPSocket  |                           | 12/10/2020 09:09 AM |
| 6869  | Ruby master | Feature | Open     | Do not treat `__` parameter exceptionally  | matz (Yukihiro Matsumoto) | 12/10/2020 08:58 AM |
| 7511  | Ruby master | Feature | Feedback | short-circuiting logical implication operator  | matz (Yukihiro Matsumoto) | 12/10/2020 08:55 AM |
| 5522  | Ruby master | Feature | Feedback | Numeric#finite? Numeric#infinite? Numeric#nan? [] []   | mrkn (Kenta Murata)       | 12/10/2020 08:54 AM |
| 14492 | Ruby master | Feature | Open     | iseq loading + caching should be in core   | ko1 (Koichi Sasada)       | 12/10/2020 08:53 AM |
| 14383 | Ruby master | Feature | Open     | Making prime_division in prime.rb Ruby 3 ready.  | yugui (Yuki Sonoda)       | 12/10/2020 08:53 AM |
| 13847 | Ruby master | Feature | Assigned | Gem activated problem for default gems   |                           | 12/10/2020 08:53 AM |
| 10489 | Ruby master | Feature | Open     | Add inherit method for clearer and multiple inheritance  | matz (Yukihiro Matsumoto) | 12/10/2020 08:53 AM |
| 10318 | Ruby master | Feature | Open     | [PATCH 0/n] Let underscore be positionally matched arg to omit binding obvious variable.                       |                           | 12/10/2020 08:53 AM |
| 9076  | Ruby master | Feature | Feedback | New one-argument block syntax: &.  |                           | 12/10/2020 08:53 AM |

| #     | Project     | Tracker | Status   | Subject   | Assignee                  | Updated             |
|-------|-------------|---------|----------|---|---------------------------|---------------------|
| 8807  | Ruby master | Feature | Open     | Custom literals   |                           | 12/10/2020 08:53 AM |
| 8270  | Ruby master | Feature | Open     | Ruby should build without thread support (aka minix)  | nobu (Nobuyoshi Nakada)   | 12/10/2020 08:53 AM |
| 8229  | Ruby master | Feature | Open     | extend Hash.include?  | matz (Yukihiro Matsumoto) | 12/10/2020 08:53 AM |
| 7748  | Ruby master | Feature | Open     | Contextual send   | matz (Yukihiro Matsumoto) | 12/10/2020 08:53 AM |
| 6841  | Ruby master | Feature | Assigned | Shorthand for Assigning Return Value of Method to Self  | matz (Yukihiro 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 (Yukihiro Matsumoto) | 12/10/2020 08:53 AM |
| 6594  | Ruby master | Feature | Assigned | Integrated Functor  | matz (Yukihiro Matsumoto) | 12/10/2020 08:53 AM |
| 6452  | Ruby master | Feature | Assigned | Allow extend to override class methods  | matz (Yukihiro Matsumoto) | 12/10/2020 08:53 AM |
| 5825  | Ruby master | Feature | Assigned | Sweet instance var assignment in the object initializer   | matz (Yukihiro Matsumoto) | 12/10/2020 08:53 AM |
| 10042 | Ruby master | Feature | Feedback | Deprecate postfix rescue syntax for removal in 3.0  | matz (Yukihiro Matsumoto) | 12/10/2020 08:53 AM |
| 8164  | Ruby master | Feature | Assigned | Public/Private  | matz (Yukihiro Matsumoto) | 12/10/2020 08:50 AM |
| 7986  | Ruby master | Feature | Feedback | Custom case statement comparison method   |                           | 12/10/2020 08:50 AM |
| 5521  | Ruby master | Feature | Feedback | Numeric#rational? Numeric#complex? Numeric#float? [] []   | matz (Yukihiro Matsumoto) | 12/10/2020 08:49 AM |
| 5514  | Ruby master | Feature | Feedback | Numeric [] quotient [] quotrem [] []  | matz (Yukihiro Matsumoto) | 12/10/2020 08:49 AM |
| 7644  | Ruby master | Feature | Assigned | In refinements, change "using" keyword to a less generic word.  | matz (Yukihiro Matsumoto) | 12/10/2020 08:49 AM |
| 7796  | Ruby master | Feature | Feedback | Hash#keys should return a set   |                           | 12/10/2020 08:49 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 |
| 7545  | Ruby master | Feature | Open     | Make Range act as a "lazy ordered set"  |                           | 12/10/2020 08:49 AM |
| 7220  | Ruby master | Feature | Open     | Separate IO#dup, StringIO#initialize_copy from dup(2)   |                           | 12/10/2020 08:47 AM |
| 6828  | Ruby master | Feature | Open     | Constancy of Constants  |                           | 12/10/2020 08:47 AM |
| 6219  | Ruby master | Feature | Feedback | Return value of Hash#store  | matz (Yukihiro Matsumoto) | 12/10/2020 08:46 AM |
| 5456  | Ruby master | Feature | Assigned | kernel#syscall() should be removed.   | matz (Yukihiro Matsumoto) | 12/10/2020 08:46 AM |
| 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 |

| #     | Project     | Tracker | Status   | Subject   | Assignee                  | Updated             |
|-------|-------------|---------|----------|---|---------------------------|---------------------|
| 17384 | Ruby master | Feature | Feedback | shorthand of Hash#merge   |                           | 12/10/2020 06:14 AM |
| 17383 | Ruby master | Bug     | Open     | 3.0 recursion memory speed issues                                 |                           | 12/09/2020 05:41 PM |
| 16627 | Ruby master | Feature | Open     | net/imap: support NAMESPACE extension (RFC2342)                   |                           | 12/08/2020 07:36 AM |
| 16610 | Ruby master | Feature | Open     | net/imap: support IMAP4 ID extension (RFC2971)                    |                           | 12/08/2020 07:27 AM |
| 17375 | Ruby master | Feature | Open     | Add scheduler callbacks for transferring fibers                   |                           | 12/07/2020 11:31 PM |
| 17156 | Ruby master | Feature | Open     | Refinements per directory tree                                    |                           | 12/07/2020 05:19 AM |
| 17359 | Ruby master | Bug     | Open     | Ractor copy mode is not Ractor-safe                               | ko1 (Koichi Sasada)       | 12/02/2020 05:42 PM |
| 17356 | Ruby master | Feature | Open     | Alignment of memory allocated through Fiddle struct's malloc      |                           | 12/02/2020 11:06 AM |
| 17326 | Ruby master | Feature | Open     | Add Kernel#must! to the standard library                          |                           | 11/30/2020 03:26 PM |
| 17353 | Ruby master | Feature | Open     | Functional chaining operator                                      |                           | 11/30/2020 03:29 AM |
| 8421  | Ruby master | Feature | Feedback | add Enumerable#find_map and Enumerable#find_all_map               |                           | 11/29/2020 11:40 PM |
| 16241 | Ruby master | Feature | Open     | Shorter syntax for anonymous refinements                          |                           | 11/20/2020 07:22 PM |
| 17143 | Ruby master | Feature | Open     | Improve support for warning categories                            |                           | 11/20/2020 01:05 PM |
| 17325 | Ruby master | Feature | Open     | Adds Fiber#cancel, which forces a Fiber to break/return           |                           | 11/19/2020 12:34 AM |
| 17315 | Ruby master | Feature | Open     | Hash #transform   |                           | 11/13/2020 08:38 PM |
| 17298 | Ruby master | Feature | Open     | Ractor's basket communication APIs                                |                           | 11/13/2020 04:16 PM |
| 14922 | Ruby master | Feature | Assigned | Resolv getaddresses ignores AAAA records for IPv6                 | akr (Akira Tanaka)        | 11/13/2020 04:01 AM |
| 11322 | Ruby master | Feature | Assigned | OpenUri: RuntimeError: HTTP redirection loop                      | akr (Akira Tanaka)        | 11/13/2020 03:52 AM |
| 17309 | Ruby master | Misc    | Open     | URI.escape being deprecated, yet there is no replacement          |                           | 11/11/2020 12:52 AM |
| 17311 | Ruby master | Feature | Open     | Improve performance Array#deconstruct & Array#to_ary              |                           | 11/08/2020 07:12 AM |
| 17286 | Ruby master | Feature | Open     | `Ractor.new` should accept `move: true`                           |                           | 11/08/2020 03:01 AM |
| 17208 | Ruby master | Feature | Open     | Add `Set#compact` and `Set#compact!` methods                      |                           | 11/05/2020 10:44 AM |
| 17289 | Ruby master | Bug     | Assigned | Time#strftime occurs Segmentation Fault on ruby-2.7.2p137         | shyouhei (Shyouhei Urabe) | 11/05/2020 07:57 AM |
| 17127 | Ruby master | Feature | Open     | Some TrueClass methods are faster if implemented in Ruby          |                           | 11/05/2020 07:11 AM |
| 17288 | Ruby master | Feature | Open     | Optimize __send__ call with a literal method name                 | matz (Yukihiro Matsumoto) | 10/30/2020 12:17 AM |
| 17159 | Ruby master | Bug     | Open     | extend `define_method` for Ractor                                 |                           | 10/29/2020 04:06 PM |
| 17290 | Ruby master | Feature | Open     | Syntax sugar for boolean keyword argument                         |                           | 10/29/2020 04:51 AM |
| 17206 | Ruby master | Feature | Open     | Introduce new Regexp option to avoid global MatchData allocations |                           | 10/28/2020 10:43 PM |
| 17265 | Ruby master | Feature | Feedback | Add `Bool` module   | matz (Yukihiro Matsumoto) | 10/26/2020 09:44 AM |
| 11808 | Ruby master | Bug     | Open     | Different behavior between Enumerable#grep and Array#grep         | ko1 (Koichi Sasada)       | 10/26/2020 04:36 AM |
| 17285 | Ruby master | Feature | Open     | Less strict `Ractor.select`                                       |                           | 10/26/2020 03:15 AM |



| #     | Project     | Tracker | Status   | Subject  | Assignee                         | Updated             |
|-------|-------------|---------|----------|--|----------------------------------|---------------------|
| 17263 | Ruby master | Bug     | Open     | Fiber context switch degrades with number of fibers, limit on number of fibers                         |                                  | 10/22/2020 10:43 AM |
| 16851 | Ruby master | Feature | Feedback | Ruby hashing algorithm could be improved using Tabulation Hashing                                      |                                  | 10/22/2020 09:18 AM |
| 17279 | Ruby master | Feature | Open     | Allow a negative step in Range#step with a block   | matz (Yukihiro Matsumoto)        | 10/22/2020 02:23 AM |
| 17199 | Ruby master | Misc    | Open     | id outputed by inspect and to_s output does not allow to find actual object_id and vice-versa          |                                  | 10/20/2020 09:35 PM |
| 17196 | Ruby master | Bug     | Open     | Segmentation Fault with Socket#close in Ractors  | ko1 (Koichi Sasada)              | 10/15/2020 03:18 PM |
| 17258 | Ruby master | Feature | Open     | Oneshot Branch Coverage  |                                  | 10/09/2020 08:26 PM |
| 17174 | Ruby master | Misc    | Open     | "Error relocating, symbol not found" error when compiling a native extension on Alpine with Ruby >=2.4 |                                  | 10/06/2020 11:19 AM |
| 13153 | Ruby master | Feature | Open     | Inconsistent sprintf formatting for 0 value  |                                  | 09/29/2020 03:30 PM |
| 15815 | Ruby master | Feature | Open     | Add option to raise NoMethodError for OpenStruct   | marcandre (Marc-Andre Lafortune) | 09/28/2020 02:11 AM |
| 16994 | Ruby master | Feature | Feedback | Sets: shorthand for frozen sets of symbols / strings   |                                  | 09/25/2020 08:15 PM |
| 17056 | Ruby master | Feature | Open     | Array#index: Allow specifying the position to start search as in String#index                          |                                  | 09/25/2020 01:41 PM |
| 17173 | Ruby master | Feature | Open     | open-uri ☐ ciphers ☐☐☐☐☐☐  | akr (Akira Tanaka)               | 09/25/2020 09:17 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 |
| 10561 | Ruby master | Feature | Open     | Improve function of Thread::Backtrace::Location #path and #absolute_path                               |                                  | 09/24/2020 09:39 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 |
| 12416 | Ruby master | Feature | Open     | struct rb_id_table lacks mark function   |                                  | 09/22/2020 07:43 PM |
| 17180 | Ruby master | Bug     | Open     | Ractor and constant referencing  |                                  | 09/20/2020 05:43 PM |
| 17170 | Ruby master | Feature | Feedback | Numeric.zero, Numeric.one  |                                  | 09/16/2020 01:36 AM |
| 17165 | Ruby master | Feature | Open     | Add `filter` and `flatten` keywords to `Enumerable#map`  |                                  | 09/13/2020 09:41 AM |
| 13719 | Ruby master | Feature | Open     | [PATCH] net/http: allow existing socket arg for Net::HTTP.start  |                                  | 09/12/2020 09:45 PM |
| 17166 | Ruby master | Feature | Open     | net/http not supporting unix domain sockets  |                                  | 09/12/2020 02:51 PM |
| 13000 | Ruby master | Feature | Feedback | Implement Set#include? with Hash#include?  | knu (Akinori MUSAHA)             | 09/11/2020 08:18 PM |
| 16794 | Ruby master | Feature | Open     | Rightward operators  |                                  | 09/10/2020 09:34 PM |
| 14434 | Ruby master | Bug     | Open     | IO#reopen fails after EPIPE  |                                  | 09/10/2020 06:27 PM |
| 16150 | Ruby master | Feature | Open     | Add a way to request a frozen string from to_s   |                                  | 09/10/2020 01:52 PM |
| 17163 | Ruby master | Feature | Open     | Rename `begin`   |                                  | 09/09/2020 03:04 AM |
| 17148 | Ruby master | Feature | Open     | stdbuf(1) support  |                                  | 09/07/2020 04:12 AM |
| 17147 | Ruby master | Feature | Feedback | New method to get frozen strings from String objects   |                                  | 09/07/2020 01:41 AM |
| 17155 | Ruby master | Feature | Open     | Add a Diggable mixin   |                                  | 09/05/2020 02:08 PM |
| 17154 | Ruby master | Misc    | Open     | Update Pathname Documentation to Clarify Expected Behavior   | akr (Akira Tanaka)               | 09/05/2020 01:18 PM |

| #     | Project     | Tracker | Status   | Subject  | Assignee                  | Updated             |
|-------|-------------|---------|----------|--|---------------------------|---------------------|
| 17151 | Ruby master | Feature | Open     | Support multiple builtin ruby code for implimatation in Ruby & C     |                           | 09/05/2020 01:41 AM |
| 16992 | Ruby master | Feature | Open     | Sets: officially ordered   | matz (Yukihiro Matsumoto) | 09/03/2020 02:08 PM |
| 14737 | Ruby master | Feature | Assigned | Split default gems into separate directory structure                 | hsbt (Hiroshi SHIBATA)    | 09/02/2020 06:00 PM |
| 17137 | Ruby master | Misc    | Open     | Cooperation on maintaining official docker ruby images               |                           | 09/02/2020 05:03 PM |
| 5478  | Ruby master | Feature | Open     | Add syntax to import Set into core                                   |                           | 09/02/2020 12:24 PM |
| 11927 | Ruby master | Feature | Open     | Return value for `Module#include` and `Module#prepend`               |                           | 09/02/2020 12:40 AM |
| 14900 | Ruby master | Feature | Open     | Extra allocation in String#byteslice                                 |                           | 08/31/2020 09:41 PM |
| 17132 | Ruby master | Bug     | Feedback | vcs.rb doesn't detect git submodules as vcs                          |                           | 08/31/2020 11:31 AM |
| 14844 | Ruby master | Feature | Open     | Future of RubyVM::AST?   | yui-knk (Kaneko Yuichiro) | 08/31/2020 08:22 AM |
| 5628  | Ruby master | Feature | Feedback | Module#basename  | matz (Yukihiro Matsumoto) | 08/29/2020 05:01 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 |
| 16997 | Ruby master | Bug     | Open     | IO#gets converts some \r\n to \n with universal_newline: false       |                           | 08/26/2020 05:20 PM |

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