

## Issues

| #     | Project | Tracker | Status   | Subject   | Assignee                         | Updated             |
|-------|---------|---------|----------|---|----------------------------------|---------------------|
| 17406 | Ruby    | Feature | Open     | Add `NoMatchingPatternError#depth`                                  |                                  | 12/19/2020 03:18 PM |
| 17357 | Ruby    | Feature | Open     | `Queue#pop` should have a block form for closed queues              |                                  | 01/12/2021 07:32 AM |
| 17286 | Ruby    | Feature | Open     | `Ractor.new` should accept `move: true`                             |                                  | 11/08/2020 03:01 AM |
| 17285 | Ruby    | Feature | Open     | Less strict `Ractor.select`   |                                  | 10/26/2020 03:15 AM |
| 16993 | Ruby    | Feature | Open     | Sets: from hash keys using Hash#key_set                             |                                  | 04/08/2025 01:00 PM |
| 16990 | Ruby    | Feature | Open     | Sets: operators compatibility with Array                            |                                  | 02/22/2021 11:37 PM |
| 17359 | Ruby    | Bug     | Assigned | Ractor copy mode is not Ractor-safe                                 | ractor                           | 05/08/2025 10:38 PM |
| 17785 | Ruby    | Feature | Assigned | Allow named parameters to be keywords                               | matz (Yukihiro Matsumoto)        | 04/03/2024 03:50 AM |
| 17513 | Ruby    | Feature | Assigned | Methods of shareable objects and UnboundMethods should be shareable | ko1 (Koichi Sasada)              | 04/03/2024 03:50 AM |
| 17404 | Ruby    | Feature | Assigned | Ractor `move:` API to allow shareability check                      | ko1 (Koichi Sasada)              | 04/03/2024 03:50 AM |
| 17393 | Ruby    | Feature | Assigned | `Ractor::Moved#inspect`   | ko1 (Koichi Sasada)              | 04/03/2024 03:50 AM |
| 17363 | Ruby    | Feature | Assigned | Timeouts  | ko1 (Koichi Sasada)              | 05/14/2022 09:06 AM |
| 17210 | Ruby    | Feature | Assigned | More readable and useful `Set#inspect`                              | knu (Akinori MUSA)               | 04/03/2024 03:50 AM |
| 16992 | Ruby    | Feature | Assigned | Sets: officially ordered  | matz (Yukihiro Matsumoto)        | 04/03/2024 03:50 AM |
| 16989 | Ruby    | Feature | Assigned | Sets: need ♥️   | knu (Akinori MUSA)               | 04/03/2024 03:50 AM |
| 16985 | Ruby    | Feature | Assigned | Improve `pp` for `Hash` and `String`                                | akr (Akira Tanaka)               | 04/03/2024 03:50 AM |
| 15918 | Ruby    | Feature | Assigned | Pattern matching for Set  | ktsj (Kazuki Tsujimoto)          | 04/03/2024 03:50 AM |
| 15881 | Ruby    | Feature | Assigned | Optimize deconstruct in pattern matching                            | ktsj (Kazuki Tsujimoto)          | 04/03/2024 03:50 AM |
| 15330 | Ruby    | Feature | Assigned | autoload_relative   | matz (Yukihiro Matsumoto)        | 04/03/2024 03:50 AM |
| 15277 | Ruby    | Feature | Assigned | at_exec   | matz (Yukihiro Matsumoto)        | 04/03/2024 03:50 AM |
| 11816 | Ruby    | Feature | Assigned | Partial safe navigation operator                                    | matz (Yukihiro Matsumoto)        | 04/14/2020 08:02 AM |
| 9347  | Ruby    | Feature | Assigned | Accept non callable argument to detect                              | marcandre (Marc-Andre Lafortune) | 04/03/2024 03:50 AM |
| 7444  | Ruby    | Feature | Assigned | Array#product_set   | matz (Yukihiro Matsumoto)        | 04/03/2024 03:50 AM |
| 17502 | Ruby    | Misc    | Assigned | C vs Ruby   | ko1 (Koichi Sasada)              | 04/03/2024 03:50 AM |
| 20325 | Ruby    | Bug     | Closed   | Enumerator.product.size bug with zero * infinite enumerators        |                                  | 04/16/2024 07:49 AM |
| 18018 | Ruby    | Bug     | Closed   | Float#floor / truncate sometimes result that is too small.          |                                  | 07/27/2021 06:01 PM |
| 17600 | Ruby    | Bug     | Closed   | lib/benchmark should use `\$stdout` instead of `STDOUT`             | marcandre (Marc-Andre Lafortune) | 03/02/2021 12:24 AM |
| 17577 | Ruby    | Bug     | Closed   | Segfault when sending some Exceptions to a Ractor                   | ko1 (Koichi Sasada)              | 02/02/2021 11:49 AM |
| 17543 | Ruby    | Bug     | Closed   | Ractor isolation broken by `self` in shareable proc                 | ko1 (Koichi Sasada)              | 08/24/2023 08:34 PM |
| 17531 | Ruby    | Bug     | Closed   | `did_you_mean` not Ractor friendly                                  | ko1 (Koichi Sasada)              | 08/24/2023 08:30 PM |
| 17506 | Ruby    | Bug     | Closed   | Ractor isolation broken by ThreadGroup                              | ractor                           | 03/31/2025 08:26 AM |

| #     | Project | Tracker | Status | Subject   | Assignee                          | Updated             |
|-------|---------|---------|--------|---|-----------------------------------|---------------------|
| 17505 | Ruby    | Bug     | Closed | Can `Thread#group` actually be `nil`?                             |                                   | 02/11/2021 03:34 PM |
| 17497 | Ruby    | Bug     | Closed | Ractor performance issue  | ko1 (Koichi Sasada)               | 03/11/2021 11:25 AM |
| 17428 | Ruby    | Bug     | Closed | Method#inspect bad output for class methods                       | matz (Yukihiro Matsumoto)         | 03/20/2021 06:52 AM |
| 17379 | Ruby    | Bug     | Closed | Refinement with modules redefinition bug                          | ko1 (Koichi Sasada)               | 10/21/2021 04:13 PM |
| 17368 | Ruby    | Bug     | Closed | `Ractor.select()` loops forever                                   | ko1 (Koichi Sasada)               | 12/07/2020 07:47 AM |
| 17366 | Ruby    | Bug     | Closed | Ractor odd issue with timeout + receive + sleep + take            | ko1 (Koichi Sasada)               | 12/18/2020 08:25 PM |
| 17344 | Ruby    | Bug     | Closed | `Ractor#shareable?` confused by recursive structures              | ko1 (Koichi Sasada)               | 12/01/2020 12:34 AM |
| 17343 | Ruby    | Bug     | Closed | Ractor can't clone frozen structures                              | ko1 (Koichi Sasada)               | 12/10/2020 09:06 AM |
| 17310 | Ruby    | Bug     | Closed | Closed ractors should die   | ko1 (Koichi Sasada)               | 11/13/2020 05:20 PM |
| 17124 | Ruby    | Bug     | Closed | Wrong "ambiguous first argument" warning                          | nobu (Nobuyoshi Nakada)           | 11/15/2020 11:25 PM |
| 17092 | Ruby    | Bug     | Closed | Array#flatten with finite depth should flatten recursive arrays   |                                   | 02/20/2021 03:13 AM |
| 17031 | Ruby    | Bug     | Closed | `Kernel#caller_locations(m, n)` should be optimized               |                                   | 08/27/2020 10:17 PM |
| 17030 | Ruby    | Bug     | Closed | Enumerable#grep[_v] should be optimized for Regexp                |                                   | 12/15/2020 05:55 PM |
| 16996 | Ruby    | Bug     | Closed | Hash should avoid doing unnecessary rehash                        |                                   | 03/18/2021 11:35 AM |
| 16281 | Ruby    | Bug     | Closed | `irb -w` issues warning   | aycabta (aycabta .)               | 10/31/2019 08:55 AM |
| 15731 | Ruby    | Bug     | Closed | Wrong evaluation of many keyword default arguments in 2.3 - 2.5   |                                   | 07/02/2019 04:38 PM |
| 15718 | Ruby    | Bug     | Closed | YAML raises error when dumping strings with UTF32 encoding        | tenderlovmaking (Aaron Patterson) | 03/10/2021 08:07 PM |
| 15613 | Ruby    | Bug     | Closed | Enumerator::Chain#each doesn't relay block signature              | nobu (Nobuyoshi Nakada)           | 12/03/2019 09:18 PM |
| 15376 | Ruby    | Bug     | Closed | Default gems: how will it work exactly?                           | hsbt (Hiroshi SHIBATA)            | 12/29/2018 06:27 PM |
| 15332 | Ruby    | Bug     | Closed | coverage and InstructionSequence regression                       |                                   | 12/10/2018 07:10 AM |
| 15206 | Ruby    | Bug     | Closed | require_relative in std_lib                                       |                                   | 11/07/2018 12:06 PM |
| 15078 | Ruby    | Bug     | Closed | Hash splat of empty hash should not create a positional argument. | matz (Yukihiro Matsumoto)         | 08/31/2019 02:43 AM |
| 14674 | Ruby    | Bug     | Closed | New mismatched indentations warnings?                             | nobu (Nobuyoshi Nakada)           | 04/12/2018 10:13 PM |
| 14201 | Ruby    | Bug     | Closed | Regression due to over optimization of hash splat                 | nobu (Nobuyoshi Nakada)           | 12/19/2017 12:45 AM |
| 14057 | Ruby    | Bug     | Closed | TracePoint#enable and disable should not yield arguments          | marcandre (Marc-Andre Lafortune)  | 03/18/2018 03:23 PM |
| 14031 | Ruby    | Bug     | Closed | WeakRef example misleading and wrong                              |                                   | 10/24/2017 06:08 PM |
| 14015 | Ruby    | Bug     | Closed | Enumerable & Hash yielding arity                                  | matz (Yukihiro Matsumoto)         | 09/28/2020 02:28 AM |
| 14014 | Ruby    | Bug     | Closed | NaN.finite?   |                                   | 02/03/2018 02:39 AM |
| 13973 | Ruby    | Bug     | Closed | super_method fails on some UnboundMethods                         | nobu (Nobuyoshi Nakada)           | 03/20/2018 03:53 PM |
| 11776 | Ruby    | Bug     | Closed | dig and custom objects  | matz (Yukihiro Matsumoto)         | 11/22/2017 09:59 AM |
| 10831 | Ruby    | Bug     | Closed | Variable keyword arguments shouldn't create immortal symbols      | nobu (Nobuyoshi Nakada)           | 02/20/2015 08:52 AM |
| 10828 | Ruby    | Bug     | Closed | send should not create immortal symbols                           | nobu (Nobuyoshi Nakada)           | 02/14/2015 04:46 AM |
| 9660  | Ruby    | Bug     | Closed | test/unit, minitest & bundler                                     | sorah (Sorah Fukumori)            | 08/15/2014 01:49 AM |

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|------|---------|---------|--------|---|----------------------------------|---------------------|
| 9242 | Ruby    | Bug     | Closed | Rdoc detection of aliases   | drbrain (Eric Hodel)             | 03/06/2020 09:31 PM |
| 9048 | Ruby    | Bug     | Closed | Remove legacy ±(binary) special cases.                                      | marcandre (Marc-Andre Lafortune) | 11/01/2013 12:05 AM |
| 8894 | Ruby    | Bug     | Closed | Fixnum#quo returns wrong result when given a float                          |                                  | 03/29/2017 02:59 PM |
| 8841 | Ruby    | Bug     | Closed | Module#included_modules and prepended modules                               | matz (Yukihiro Matsumoto)        | 01/16/2020 07:32 PM |
| 8162 | Ruby    | Bug     | Closed | Documentation for trust/taint lacking                                       | zzak (zzak_)                     | 04/28/2013 09:51 AM |
| 8161 | Ruby    | Bug     | Closed | String#+ should inherit untrustedness                                       |                                  | 09/24/2013 02:14 PM |
| 8045 | Ruby    | Bug     | Closed | Object#singleton_methods incompatible with prepend                          |                                  | 03/13/2013 03:16 PM |
| 8044 | Ruby    | Bug     | Closed | Object#methods incompatible with prepend                                    |                                  | 03/13/2013 03:13 PM |
| 8041 | Ruby    | Bug     | Closed | Marshal incompatibility with prepend  |                                  | 03/09/2013 12:26 AM |
| 7916 | Ruby    | Bug     | Closed | Callback Module.used is not used...   | shugo (Shugo Maeda)              | 03/13/2013 11:43 AM |
| 7780 | Ruby    | Bug     | Closed | Marshal & YAML should deserialize only basic types by default.              | matz (Yukihiro Matsumoto)        | 11/22/2017 10:08 AM |
| 7765 | Ruby    | Bug     | Closed | Proc#arity bug with optional argument                                       | marcandre (Marc-Andre Lafortune) | 02/02/2013 07:46 AM |
| 7757 | Ruby    | Bug     | Closed | String#start_with? and end_with? should accept Regexp                       |                                  | 01/31/2013 01:23 AM |
| 7755 | Ruby    | Bug     | Closed | JSON::Generate#configure's argument conversion                              | naruse (Yui NARUSE)              | 11/22/2017 10:13 AM |
| 7728 | Ruby    | Bug     | Closed | Range#bsearch on other Numerics?  | marcandre (Marc-Andre Lafortune) | 01/30/2013 02:48 PM |
| 7726 | Ruby    | Bug     | Closed | bsearch should handle block result in a consistent way                      | marcandre (Marc-Andre Lafortune) | 01/30/2013 03:02 PM |
| 7725 | Ruby    | Bug     | Closed | bsearch should return enumerator when called without a block                | marcandre (Marc-Andre Lafortune) | 01/30/2013 03:04 PM |
| 7724 | Ruby    | Bug     | Closed | 6 bugs with Range#bsearch over floats                                       | marcandre (Marc-Andre Lafortune) | 01/30/2013 07:00 AM |
| 7715 | Ruby    | Bug     | Closed | Lazy enumerators should want to stay lazy.                                  | marcandre (Marc-Andre Lafortune) | 02/05/2013 12:50 PM |
| 7706 | Ruby    | Bug     | Closed | Lazy#zip should not call `lazy`   | marcandre (Marc-Andre Lafortune) | 01/24/2013 04:05 PM |
| 7696 | Ruby    | Bug     | Closed | Lazy enumerators with state can't be rewound                                | matz (Yukihiro Matsumoto)        | 08/31/2013 07:57 AM |
| 7692 | Ruby    | Bug     | Closed | Enumerator::Lazy#drop_while and take_while should require a block.          | marcandre (Marc-Andre Lafortune) | 01/14/2013 04:42 PM |
| 7691 | Ruby    | Bug     | Closed | 3 bugs with Lazy enumerators with state                                     |                                  | 01/24/2013 03:23 PM |
| 7690 | Ruby    | Bug     | Closed | Enumerable::Lazy#flat_map should not call each                              | shugo (Shugo Maeda)              | 01/14/2013 05:36 PM |
| 7248 | Ruby    | Bug     | Closed | Shouldn't Enumerator::Lazy.new be private?                                  | marcandre (Marc-Andre Lafortune) | 02/05/2013 12:49 PM |
| 6658 | Ruby    | Bug     | Closed | Module#ancestors & prepend  |                                  | 06/28/2012 06:12 AM |
| 6120 | Ruby    | Bug     | Closed | Float and BigDecimal bug in remainder in corner cases                       | marcandre (Marc-Andre Lafortune) | 03/12/2021 03:36 PM |
| 6087 | Ruby    | Bug     | Closed | How should inherited methods deal with return values of their own subclass? | matz (Yukihiro Matsumoto)        | 11/03/2020 10:02 PM |
| 6085 | Ruby    | Bug     | Closed | Treatment of Wrong Number of Arguments                                      | mame (Yusuke Endoh)              | 03/15/2012 06:16 AM |
| 6048 | Ruby    | Bug     | Closed | {Unbound}Method#hash doesn't always return the right value                  | marcandre (Marc-Andre Lafortune) | 02/21/2012 04:08 PM |
| 6029 | Ruby    | Bug     | Closed | Should OpenStruct implement #eq!? and #hash?                                | marcandre (Marc-Andre Lafortune) | 10/29/2012 06:19 AM |
| 6028 | Ruby    | Bug     | Closed | OpenStruct.dup doesn't have all its methods                                 | marcandre (Marc-Andre Lafortune) | 02/15/2012 12:31 PM |
| 5782 | Ruby    | Bug     | Closed | File.binwrite doc and hash argument   | sorah (Sorah Fukumori)           | 03/11/2012 03:49 PM |

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|------|---------|---------|--------|--|----------------------------------|---------------------|
| 5747 | Ruby    | Bug     | Closed | Proc#curry doesn't always detect too many arguments                        | marcandre (Marc-Andre Lafortune) | 02/02/2013 07:46 AM |
| 5746 | Ruby    | Bug     | Closed | Proc#curry too strict about lambda's arity.                                | marcandre (Marc-Andre Lafortune) | 01/25/2013 02:53 PM |
| 5694 | Ruby    | Bug     | Closed | Proc#arity doesn't take optional arguments into account.                   | nobu (Nobuyoshi Nakada)          | 07/17/2012 04:47 PM |
| 5307 | Ruby    | Bug     | Closed | Matrix & subclasses  | marcandre (Marc-Andre Lafortune) | 09/11/2011 05:24 AM |
| 5273 | Ruby    | Bug     | Closed | Float#round returns the wrong floats for higher precision                  | marcandre (Marc-Andre Lafortune) | 03/27/2018 05:20 PM |
| 5228 | Ruby    | Bug     | Closed | Integer#round fails on some big negative numbers                           | marcandre (Marc-Andre Lafortune) | 08/25/2011 08:05 AM |
| 5227 | Ruby    | Bug     | Closed | Float#round fails on corner cases  | marcandre (Marc-Andre Lafortune) | 09/05/2011 03:53 AM |
| 5179 | Ruby    | Bug     | Closed | Complex#rationalize and to_r with approximate zeros                        | mrkn (Kenta Murata)              | 02/27/2024 01:25 AM |
| 5178 | Ruby    | Bug     | Closed | Complex#rationalize should rationalize                                     |                                  | 08/10/2011 07:35 PM |
| 5070 | Ruby    | Bug     | Closed | CSV.generate should not modify the given option hash                       | JEG2 (James Gray)                | 07/22/2011 06:41 AM |
| 3434 | Ruby    | Bug     | Closed | Specs for coercion?  | marcandre (Marc-Andre Lafortune) | 11/28/2017 03:45 AM |
| 3350 | Ruby    | Bug     | Closed | Protected methods & documentation  | marcandre (Marc-Andre Lafortune) | 04/30/2011 10:04 PM |
| 3225 | Ruby    | Bug     | Closed | lib/uri/mailto.rb slightly wrong regexp                                    | marcandre (Marc-Andre Lafortune) | 04/30/2011 10:04 PM |
| 3224 | Ruby    | Bug     | Closed | Regexp.new("...", nil, "n") is not documented                              | marcandre (Marc-Andre Lafortune) | 04/30/2011 10:04 PM |
| 3192 | Ruby    | Bug     | Closed | Missing Set#keep_if, select! [patch]                                       | marcandre (Marc-Andre Lafortune) | 04/30/2011 10:04 PM |
| 3169 | Ruby    | Bug     | Closed | RDoc crossref confused by instance and class methods having same name      | drbrain (Eric Hodel)             | 04/30/2011 10:04 PM |
| 3128 | Ruby    | Bug     | Closed | Randomness specs   | matz (Yukihiro Matsumoto)        | 11/22/2017 10:08 AM |
| 3104 | Ruby    | Bug     | Closed | Random: seeding issues   | marcandre (Marc-Andre Lafortune) | 04/30/2011 10:04 PM |
| 3089 | Ruby    | Bug     | Closed | limited size for Array#combination [patch]                                 | matz (Yukihiro Matsumoto)        | 04/30/2011 10:04 PM |
| 3081 | Ruby    | Bug     | Closed | lib/http wrong behavior for chunked reading                                |                                  | 04/30/2011 10:04 PM |
| 3027 | Ruby    | Bug     | Closed | Random#rand(nil)   | nobu (Nobuyoshi Nakada)          | 04/30/2011 10:04 PM |
| 3022 | Ruby    | Bug     | Closed | What are \$. and ARGF.lineno ?   | drbrain (Eric Hodel)             | 11/28/2012 08:57 AM |
| 2830 | Ruby    | Bug     | Closed | Some methods raise ArgumentError instead of TypeError                      | marcandre (Marc-Andre Lafortune) | 04/30/2011 10:04 PM |
| 2829 | Ruby    | Bug     | Closed | Missing documentation for Exception subclasses.                            | marcandre (Marc-Andre Lafortune) | 04/30/2011 10:04 PM |
| 2770 | Ruby    | Bug     | Closed | Matrix: determinant for rectangular matrices should raise an error [patch] | marcandre (Marc-Andre Lafortune) | 04/30/2011 10:04 PM |
| 2601 | Ruby    | Bug     | Closed | BasicObject.initialize should raise an error                               |                                  | 04/30/2011 10:03 PM |
| 2525 | Ruby    | Bug     | Closed | URI#normalize incomplete   | akira (akira yamada)             | 04/30/2011 10:03 PM |
| 2499 | Ruby    | Bug     | Closed | InstructionSequence.dissassemble can crash                                 | ko1 (Koichi Sasada)              | 04/30/2011 10:03 PM |
| 2497 | Ruby    | Bug     | Closed | Matrix: Vector#each2 with no block returns unusable enumerator             |                                  | 04/30/2011 10:03 PM |
| 2496 | Ruby    | Bug     | Closed | Delegate: #methods and #public_methods should return delegated methods too | marcandre (Marc-Andre Lafortune) | 04/30/2011 10:03 PM |
| 2495 | Ruby    | Bug     | Closed | Matrix: Vector#each2 should check its argument                             | keiju (Keiju Ishitsuka)          | 04/30/2011 10:03 PM |
| 2365 | Ruby    | Bug     | Closed | Matrix: poor handling of coercion errors [patch]                           | marcandre (Marc-Andre Lafortune) | 04/30/2011 10:03 PM |
| 2330 | Ruby    | Bug     | Closed | Non systematic segmentation fault with autoload rubyspec                   | marcandre (Marc-Andre Lafortune) | 04/30/2011 10:03 PM |

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|-------|---------|---------|--------|--|----------------------------------|---------------------|
| 2311  | Ruby    | Bug     | Closed | [BUG] cfp consistency error - send                                     | matz (Yukihiro Matsumoto)        | 04/30/2011 10:03 PM |
| 2276  | Ruby    | Bug     | Closed | Array#<=> should not raise when comparison fails                       |                                  | 04/30/2011 10:03 PM |
| 2224  | Ruby    | Bug     | Closed | lib/delegate: operator delegation                                      | marcandre (Marc-Andre Lafortune) | 04/30/2011 10:03 PM |
| 2223  | Ruby    | Bug     | Closed | lib/delegate: security model?  | marcandre (Marc-Andre Lafortune) | 04/30/2011 10:03 PM |
| 2222  | Ruby    | Bug     | Closed | Regex creation error in safe mode                                      | ko1 (Koichi Sasada)              | 04/30/2011 10:03 PM |
| 2221  | Ruby    | Bug     | Closed | lib/delegate: freeze has odd effects                                   |                                  | 04/30/2011 10:03 PM |
| 2207  | Ruby    | Bug     | Closed | lib/delegate: #method doesn't delegate to its object                   |                                  | 04/30/2011 10:03 PM |
| 2206  | Ruby    | Bug     | Closed | lib/delegate: inconsistency between respond_to? and send               |                                  | 04/30/2011 10:03 PM |
| 2199  | Ruby    | Bug     | Closed | Object#method should call respond_to_missing?(sym, true)               | matz (Yukihiro Matsumoto)        | 04/30/2011 10:03 PM |
| 2189  | Ruby    | Bug     | Closed | Math.atanh(1) & Math.atanh(-1) should not raise an error               | matz (Yukihiro Matsumoto)        | 04/30/2011 10:03 PM |
| 2173  | Ruby    | Bug     | Closed | rake missing rake/contrib/*  |                                  | 04/30/2011 10:03 PM |
| 2140  | Ruby    | Bug     | Closed | Bignum#** broken by lib/mathn  | marcandre (Marc-Andre Lafortune) | 04/30/2011 10:03 PM |
| 1885  | Ruby    | Bug     | Closed | Proper comparison of recursive Struct & Range                          |                                  | 04/30/2011 10:03 PM |
| 1686  | Ruby    | Bug     | Closed | Enumerable#first broken  |                                  | 04/30/2011 10:03 PM |
| 1666  | Ruby    | Bug     | Closed | Confusion in documentation for lines vs each_line, etc...              | yugui (Yuki Sonoda)              | 04/30/2011 10:03 PM |
| 1665  | Ruby    | Bug     | Closed | Enumerable#reverse_each, #entries, #to_a documentation [patch]         | yugui (Yuki Sonoda)              | 04/30/2011 10:03 PM |
| 1664  | Ruby    | Bug     | Closed | Kernel#define_singleton_method not documented [patch]                  |                                  | 04/30/2011 10:03 PM |
| 1663  | Ruby    | Bug     | Closed | Small documentation fixes [patch]                                      |                                  | 04/30/2011 10:03 PM |
| 1554  | Ruby    | Bug     | Closed | Enumerator#first & #take should consume only what is needed [patch]    |                                  | 04/30/2011 10:03 PM |
| 1532  | Ruby    | Bug     | Closed | Improved matrix.rb [patch]   | keiju (Keiju Ishitsuka)          | 04/30/2011 10:03 PM |
| 1531  | Ruby    | Bug     | Closed | Matrix#determinant fails on some matrices                              | keiju (Keiju Ishitsuka)          | 04/30/2011 10:03 PM |
| 1510  | Ruby    | Bug     | Closed | [patch] String#partition can return wrong result or crash              |                                  | 04/30/2011 10:03 PM |
| 1487  | Ruby    | Bug     | Closed | String#each_char must return self                                      |                                  | 04/30/2011 10:03 PM |
| 1448  | Ruby    | Bug     | Closed | [patch] Proper handling of recursive arrays                            |                                  | 04/30/2011 10:03 PM |
| 1440  | Ruby    | Bug     | Closed | Array#flatten!(0) should return nil, not self                          |                                  | 04/30/2011 10:03 PM |
| 1439  | Ruby    | Bug     | Closed | Array#sample returns wrong results for negative argument               |                                  | 04/30/2011 10:03 PM |
| 1385  | Ruby    | Bug     | Closed | Wonderful undocumented feature in Ruby 1.8.7 & 1.9                     | yugui (Yuki Sonoda)              | 04/30/2011 10:03 PM |
| 1165  | Ruby    | Bug     | Closed | Range.eql? and Range.== bug with subclasses                            | yugui (Yuki Sonoda)              | 04/30/2011 10:03 PM |
| 17838 | Ruby    | Feature | Closed | `Set#intersect?' and enumerables                                       | knu (Akinori MUSAHA)             | 06/18/2021 10:32 PM |
| 17601 | Ruby    | Feature | Closed | lib/benchmark: adding `Benchmark::Tms#to_h`                            | marcandre (Marc-Andre Lafortune) | 02/08/2021 04:06 AM |
| 17592 | Ruby    | Feature | Closed | Ractor should allowing reading shareable class instance variables      | ko1 (Koichi Sasada)              | 10/22/2021 04:33 PM |
| 17418 | Ruby    | Feature | Closed | Add `Ractor.main?` and `Ractor.main`                                   | ko1 (Koichi Sasada)              | 12/21/2020 08:57 PM |
| 17414 | Ruby    | Feature | Closed | Ractor should allow access to shareable attributes for Modules/Classes | ko1 (Koichi Sasada)              | 03/28/2025 10:34 PM |

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|-------|---------|---------|--------|--|----------------------------------|---------------------|
| 17401 | Ruby    | Feature | Closed | The class `Ractor::MovedObject` should not be frozen                           | ko1 (Koichi Sasada)              | 12/18/2020 08:59 PM |
| 17397 | Ruby    | Feature | Closed | `shareable_constant_value: literal` should check at runtime, not at parse time | ko1 (Koichi Sasada)              | 12/23/2020 04:51 AM |
| 17380 | Ruby    | Feature | Closed | Useful `include/prepend` in `refine`   | matz (Yukihiro Matsumoto)        | 10/27/2021 10:50 PM |
| 17365 | Ruby    | Feature | Closed | Can not respond (well) to a Ractor   |                                  | 12/18/2020 08:25 PM |
| 16995 | Ruby    | Feature | Closed | Sets: <=> should be specialized  |                                  | 01/01/2023 01:04 PM |
| 16991 | Ruby    | Feature | Closed | Sets: add Set#join   |                                  | 01/01/2023 01:05 PM |
| 15917 | Ruby    | Feature | Closed | Pattern matching for Struct  | ktsj (Kazuki Tsujimoto)          | 11/10/2019 01:53 PM |
| 14133 | Ruby    | Feature | Closed | Module#{define alias undef}_method should be made public                       | matz (Yukihiro Matsumoto)        | 11/29/2017 05:49 PM |
| 14132 | Ruby    | Feature | Closed | Module#attr{[_reader _writer]} should be public                                | matz (Yukihiro Matsumoto)        | 11/29/2017 05:48 PM |
| 12813 | Ruby    | Feature | Closed | Calling chunk_while, slice_after, slice_before, slice_when with no block       | matz (Yukihiro Matsumoto)        | 12/12/2022 03:01 AM |
| 10354 | Ruby    | Feature | Closed | Optimize Integer#prime?  | yugui (Yuki Sonoda)              | 10/20/2015 03:18 AM |
| 8035  | Ruby    | Feature | Closed | singleton class should be included in ancestors                                | matz (Yukihiro Matsumoto)        | 03/08/2013 02:54 AM |
| 7292  | Ruby    | Feature | Closed | Enumerable#to_h  | marcandre (Marc-Andre Lafortune) | 10/24/2013 12:10 AM |
| 6693  | Ruby    | Feature | Closed | Don't warn for unused variables starting with _                                | matz (Yukihiro Matsumoto)        | 04/13/2013 06:23 AM |
| 6636  | Ruby    | Feature | Closed | Enumerable#size  | marcandre (Marc-Andre Lafortune) | 11/07/2012 02:09 AM |
| 6589  | Ruby    | Feature | Closed | Set#rehash   | knu (Akinori MUSAHA)             | 10/22/2017 12:25 PM |
| 6588  | Ruby    | Feature | Closed | Set#intersect?   | knu (Akinori MUSAHA)             | 07/30/2013 07:19 PM |
| 6539  | Ruby    | Feature | Closed | public and private for core methods  | nobu (Nobuyoshi Nakada)          | 11/25/2016 09:12 AM |
| 6276  | Ruby    | Feature | Closed | to_h as explicit conversion to Hash  | marcandre (Marc-Andre Lafortune) | 04/18/2012 12:59 PM |
| 6240  | Ruby    | Feature | Closed | Enumerable#drop with negative argument   | matz (Yukihiro Matsumoto)        | 01/10/2019 11:07 PM |
| 4938  | Ruby    | Feature | Closed | Add Random.bytes [patch]   | matz (Yukihiro Matsumoto)        | 02/20/2018 09:26 AM |
| 3714  | Ruby    | Feature | Closed | Add getters for Enumerator   | knu (Akinori MUSAHA)             | 11/22/2017 10:06 AM |
| 3222  | Ruby    | Feature | Closed | Can bignums have singleton class & methods?                                    | ko1 (Koichi Sasada)              | 10/28/2012 09:03 AM |
| 3023  | Ruby    | Feature | Closed | RDoc urls  | drbrain (Eric Hodel)             | 04/30/2011 10:04 PM |
| 3021  | Ruby    | Feature | Closed | Array#product should accept a block.   | matz (Yukihiro Matsumoto)        | 04/30/2011 10:04 PM |
| 2832  | Ruby    | Feature | Closed | Vector#each and Enumerable   | marcandre (Marc-Andre Lafortune) | 11/24/2012 12:06 PM |
| 2831  | Ruby    | Feature | Closed | Matrix: each, all?, none?, each_with_index, ...                                | marcandre (Marc-Andre Lafortune) | 04/30/2011 10:04 PM |
| 2772  | Ruby    | Feature | Closed | Matrix: Calculating determinant using Bareiss algorithm [patch]                | marcandre (Marc-Andre Lafortune) | 04/30/2011 10:04 PM |
| 2771  | Ruby    | Feature | Closed | Matrix: constructor to build with block  | marcandre (Marc-Andre Lafortune) | 04/30/2011 10:04 PM |
| 2542  | Ruby    | Feature | Closed | URI lib should be updated to RFC 3986  | naruse (Yui NARUSE)              | 07/01/2014 01:10 PM |
| 2451  | Ruby    | Feature | Closed | BasicObject.initialize with variable number of argument                        | matz (Yukihiro Matsumoto)        | 04/30/2011 10:03 PM |
| 2347  | Ruby    | Feature | Closed | Math::INFINITY   | matz (Yukihiro Matsumoto)        | 07/24/2012 08:53 PM |
| 2266  | Ruby    | Feature | Closed | Matrix and Complex [patch]   | marcandre (Marc-Andre Lafortune) | 04/30/2011 10:03 PM |

| #     | Project | Tracker | Status   | Subject   | Assignee                         | Updated             |
|-------|---------|---------|----------|---|----------------------------------|---------------------|
| 2265  | Ruby    | Feature | Closed   | Matrix#empty? [patch]   | marcandre (Marc-Andre Lafortune) | 04/30/2011 10:03 PM |
| 2172  | Ruby    | Feature | Closed   | Enumerable#chunk with no block                                | matz (Yukihiko Matsumoto)        | 10/06/2016 04:45 AM |
| 1697  | Ruby    | Feature | Closed   | Object#<=>  | matz (Yukihiko Matsumoto)        | 04/30/2011 10:03 PM |
| 1667  | Ruby    | Feature | Closed   | IO#codepoints, IO#each_codepoint, and StringIO                |                                  | 08/17/2015 01:40 AM |
| 17569 | Ruby    | Misc    | Closed   | `uri` lib maintainership                                      | hsbt (Hiroshi SHIBATA)           | 05/09/2024 08:58 AM |
| 17367 | Ruby    | Misc    | Closed   | CI: Env variable for Ractor compatibility tests?              | ko1 (Koichi Sasada)              | 12/19/2020 10:13 PM |
| 17329 | Ruby    | Misc    | Closed   | Doc for pattern match?  |                                  | 11/17/2020 08:30 PM |
| 17374 | Ruby    | Bug     | Rejected | Refined methods aren't visible from a refinement's module     | shugo (Shugo Maeda)              | 12/10/2020 05:36 PM |
| 17197 | Ruby    | Bug     | Rejected | Some Hash methods still have arity 2 instead of 1             | nobu (Nobuyoshi Nakada)          | 11/30/2020 07:22 PM |
| 6538  | Ruby    | Bug     | Rejected | Mutability of Rational and Complex                            | tadf (tadayoshi funaba)          | 06/04/2012 10:24 PM |
| 6086  | Ruby    | Bug     | Rejected | Number of arguments and named parameters                      | matz (Yukihiko Matsumoto)        | 07/14/2012 04:24 PM |
| 3448  | Ruby    | Bug     | Rejected | broken iconv library  |                                  | 06/28/2011 06:53 PM |
| 3352  | Ruby    | Bug     | Rejected | Delegates: protected methods                                  | marcandre (Marc-Andre Lafortune) | 04/30/2011 10:04 PM |
| 3016  | Ruby    | Bug     | Rejected | Enumerable#slice_before and dup                               |                                  | 04/30/2011 10:04 PM |
| 17171 | Ruby    | Feature | Rejected | Why is the visibility of constants not affected by `private`? |                                  | 10/26/2020 07:52 AM |
| 17145 | Ruby    | Feature | Rejected | Ractor-aware `Object#deep_freeze`                             |                                  | 10/26/2020 01:36 PM |
| 8840  | Ruby    | Feature | Rejected | Yielder#state   | matz (Yukihiko Matsumoto)        | 10/22/2017 02:12 AM |
| 7299  | Ruby    | Feature | Rejected | Ruby should not completely ignore blocks.                     |                                  | 11/25/2012 02:03 AM |
| 3715  | Ruby    | Feature | Rejected | Enumerator#size and #size=                                    |                                  | 03/18/2012 06:07 PM |
| 2509  | Ruby    | Feature | Rejected | Recursive freezing?   | matz (Yukihiko Matsumoto)        | 06/16/2014 03:44 PM |
| 666   | Ruby    | Feature | Rejected | Enumerable::to_hash   | matz (Yukihiko Matsumoto)        | 02/13/2014 10:38 AM |
| 17265 | Ruby    | Feature | Feedback | Add `Bool` module   | matz (Yukihiko Matsumoto)        | 10/26/2020 09:44 AM |
| 16994 | Ruby    | Feature | Feedback | Sets: shorthand for frozen sets of symbols / strings          |                                  | 09/25/2020 08:15 PM |
| 8026  | Ruby    | Feature | Feedback | Need Module#prepended_modules                                 | matz (Yukihiko Matsumoto)        | 01/16/2020 06:12 AM |