

## Issues

| #     | Project     | Tracker | Status   | Subject   | Assignee                  | Updated             |
|-------|-------------|---------|----------|---|---------------------------|---------------------|
| 18893 | Ruby master | Bug     | Open     | Don't redefine memcopy(3)   | shyouhei (Shyouhei Urabe) | 07/06/2022 10:32 PM |
| 18899 | Ruby master | Bug     | Open     | Inconsistent argument handling in IO#set_encoding   |                           | 07/06/2022 01:53 PM |
| 18896 | Ruby master | Bug     | Open     | Shellwords.escape(nil) returns "empty" string   |                           | 07/05/2022 07:51 PM |
| 18794 | Ruby master | Bug     | Open     | Windows - intermittent SEGV TestObjSpace#test_reachable_objects_during_iteration                                |                           | 06/30/2022 11:13 PM |
| 17679 | Ruby master | Bug     | Assigned | Ractor incoming channel can consume unlimited resources   | ko1 (Koichi Sasada)       | 06/30/2022 10:49 AM |
| 18887 | Ruby master | Bug     | Open     | documentation for protected methods   |                           | 06/29/2022 08:08 AM |
| 18886 | Ruby master | Bug     | Open     | Struct aref and aset don't trigger any tracepoints.   | ko1 (Koichi Sasada)       | 06/29/2022 06:05 AM |
| 18883 | Ruby master | Bug     | Open     | parse.y: trailing comma cannot coexist with star  |                           | 06/28/2022 07:25 AM |
| 18878 | Ruby master | Bug     | Open     | parse.y: Foo::Bar {} is inconsistently rejected   |                           | 06/28/2022 03:38 AM |
| 18880 | Ruby master | Bug     | Open     | IO#sysread on Windows does not validate arguments   |                           | 06/26/2022 04:26 PM |
| 18061 | Ruby master | Bug     | Open     | Execshield test: libruby.so.N.N.N: FAIL: property-note test because no .note.gnu.property section found         |                           | 06/22/2022 07:58 AM |
| 18808 | Ruby master | Bug     | Assigned | Cannot compile ruby 3.1.2 on powerpc64le-linux without disabling the jit features                               | k0kubun (Takashi Kokubun) | 06/20/2022 10:40 AM |
| 18842 | Ruby master | Bug     | Open     | Ruby's Resolv library does not handle correctly the `NODATA` case   |                           | 06/19/2022 05:39 PM |
| 18767 | Ruby master | Bug     | Open     | IO.foreach hangs up when passes limit=0   |                           | 06/18/2022 02:56 AM |
| 18837 | Ruby master | Bug     | Open     | Not possible to evaluate expression with numbered parameters in it  |                           | 06/17/2022 12:48 PM |
| 18826 | Ruby master | Bug     | Open     | Symbol#to_proc inconsistent, sometimes calls private methods  |                           | 06/16/2022 07:27 AM |
| 18281 | Ruby master | Bug     | Open     | Ruby 3.1.0: gem uninstall -alx fails to uninstall debug   |                           | 06/16/2022 01:08 AM |
| 18780 | Ruby master | Bug     | Open     | Incorrect binding receiver for C API rb_eval_string()   |                           | 06/15/2022 12:14 AM |
| 8445  | Ruby master | Bug     | Assigned | IO.open and IO#set_encoding does not support :fallback option   | akr (Akira Tanaka)        | 06/14/2022 06:02 AM |
| 18816 | Ruby master | Bug     | Open     | Ractor segfaulting MacOS 12.4 (aarch64 / M1 processor)  |                           | 06/13/2022 01:46 PM |
| 17995 | Ruby master | Bug     | Open     | Slow down when mjit and Ractor are being used at same time  | k0kubun (Takashi Kokubun) | 06/11/2022 04:02 AM |
| 18768 | Ruby master | Bug     | Open     | Inconsistent behavior of IO, StringIO and String each_line methods when return paragraph and.chomp: true passed |                           | 06/10/2022 03:46 PM |
| 18435 | Ruby master | Bug     | Open     | Calling `protected` on ancestor method changes result of `instance_methods(false)`                              |                           | 06/09/2022 10:23 AM |
| 14607 | Ruby master | Bug     | Assigned | Fix use of the rb_profile_frames start parameter  | ko1 (Koichi Sasada)       | 06/09/2022 06:12 AM |
| 18657 | Ruby master | Bug     | Open     | IRB raises exception when stdout is a pipe  |                           | 06/08/2022 03:34 PM |
| 18464 | Ruby master | Bug     | Assigned | RUBY_INTERNAL_EVENT_NEWOBJ tracepoint causes an interpreter crash when combined with Ractors                    | ko1 (Koichi Sasada)       | 06/08/2022 08:25 AM |
| 18796 | Ruby master | Bug     | Open     | GC compaction gets stuck on Mac OS when a debugger is attached  |                           | 06/08/2022 08:25 AM |
| 18795 | Ruby master | Bug     | Open     | Verbose GC debug output with -DRGENGC_DEBUG=5 causes a crash  |                           | 06/08/2022 08:24 AM |

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|-------|-------------|---------|----------|--|----------------------------|---------------------|
| 18818 | Ruby master | Bug     | Open     | SEGV (Fiber scheduler?)  | ioquatix (Samuel Williams) | 06/06/2022 06:31 PM |
| 18770 | Ruby master | Bug     | Open     | Inconsistent behavior of IO/StringIO's each methods when called with nil as a separator, limit and chomp: true |                            | 06/06/2022 05:38 PM |
| 18790 | Ruby master | Bug     | Assigned | cannot load such file -- digest (LoadError)  | hsbt (Hiroshi SHIBATA)     | 06/06/2022 12:41 AM |
| 18658 | Ruby master | Bug     | Open     | Need openssl 3 support for Ubuntu 22.04 (Ruby 2.7.x and 3.0.x)   | rhenium (Kazuki Yamaguchi) | 05/30/2022 08:06 PM |
| 18810 | Ruby master | Bug     | Open     | Make `Kernel#p` interruptable.   | ioquatix (Samuel Williams) | 05/30/2022 12:44 AM |
| 18608 | Ruby master | Bug     | Open     | `require`: cannot load such file -- ripper (LoadError) after `make distclean`                                  |                            | 05/27/2022 04:10 AM |
| 18444 | Ruby master | Bug     | Open     | Trapped TSTP causes a locking deadlock in 3.0.3 onward   |                            | 05/26/2022 10:29 PM |
| 18286 | Ruby master | Bug     | Open     | Universal arm64/x86_64 binary built on an x86_64 machine segfaults/is killed on arm64                          |                            | 05/26/2022 09:45 PM |
| 18678 | Ruby master | Bug     | Open     | Crash on Mac - vm_call0_cfunc_with_frame   |                            | 05/26/2022 05:40 PM |
| 18805 | Ruby master | Bug     | Open     | IO::Buffer is inconsistent when returning a string from an empty buffer  |                            | 05/25/2022 12:45 PM |
| 18804 | Ruby master | Bug     | Open     | Invalid line number for putnil instruction   |                            | 05/25/2022 09:22 AM |
| 18799 | Ruby master | Bug     | Open     | Refinement#import_methods vs attr_reader   |                            | 05/25/2022 06:50 AM |
| 18797 | Ruby master | Bug     | Open     | Third argument to Regexp.new is a bit broken   |                            | 05/23/2022 10:11 AM |
| 16829 | Ruby master | Bug     | Open     | Exceptions raised from within an enumerated method lose part of their stacktrace                               |                            | 05/20/2022 07:25 PM |
| 17996 | Ruby master | Bug     | Open     | Cygwin: thread + pipe behavior since Ruby 2.6  | cruby-cygwin               | 05/19/2022 08:20 AM |
| 17882 | Ruby master | Bug     | Assigned | bootstrapstest/test_ractor.rb:224 segfaults on Cygwin  | cruby-cygwin               | 05/19/2022 08:20 AM |
| 15334 | Ruby master | Bug     | Open     | child_info_fork::abort: address space needed by 'emoji_iso2022_kddi.so' on cygwin                              | cruby-cygwin               | 05/19/2022 08:20 AM |
| 15097 | Ruby master | Bug     | Open     | Gem install fails on Ruby 2.5.1 with Cygwin (get_dns_server_list undefined)                                    | cruby-cygwin               | 05/19/2022 08:20 AM |
| 13999 | Ruby master | Bug     | Assigned | Cygwin ripper_state_lex.rb   | cruby-cygwin               | 05/19/2022 08:20 AM |
| 12506 | Ruby master | Bug     | Assigned | On cygwin, Feature #5994 does not work   | cruby-cygwin               | 05/19/2022 08:20 AM |
| 12445 | Ruby master | Bug     | Assigned | Testing TestIO#test_open_fifo_does_not_block_other_threads results in deadlock on cygwin                       | cruby-cygwin               | 05/19/2022 08:20 AM |
| 12444 | Ruby master | Bug     | Assigned | Segmentation fault when running TestException#test_machine_stackoverflow on cygwin                             | cruby-cygwin               | 05/19/2022 08:20 AM |
| 12442 | Ruby master | Bug     | Assigned | TestArgf#test_textmode fails on cygwin   | cruby-cygwin               | 05/19/2022 08:20 AM |
| 11840 | Ruby master | Bug     | Open     | Error with "make check" on Cygwin  | cruby-cygwin               | 05/19/2022 08:20 AM |
| 9409  | Ruby master | Bug     | Open     | Cygwin "filesystem" encoding   | cruby-cygwin               | 05/19/2022 08:20 AM |
| 18783 | Ruby master | Bug     | Open     | OptionParser should recognize "-" as an optional argument  |                            | 05/19/2022 12:15 AM |
| 18782 | Ruby master | Bug     | Open     | Race conditions in autoload when loading the same feature with multiple threads.                               |                            | 05/18/2022 09:22 PM |
| 18751 | Ruby master | Bug     | Open     | Regression on master for Method#== when comparing public with private method                                   |                            | 05/18/2022 01:27 AM |
| 18789 | Ruby master | Bug     | Open     | make test-bundled-gems failed after make install   |                            | 05/18/2022 01:01 AM |
| 18784 | Ruby master | Bug     | Open     | `FileUtils.rm_f` and `FileUtils.rm_rf` should not mask exceptions  |                            | 05/16/2022 09:04 AM |

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| 18763 | Ruby master | Bug     | Open     | The configure option "--with-openssl-dir" has lower precedence than pkg-config                                   |                          | 05/11/2022 11:39 AM |
| 18764 | Ruby master | Bug     | Open     | Build Error when Using msys2-mingw64 and Ruby 3.2  |                          | 05/10/2022 06:48 AM |
| 18760 | Ruby master | Bug     | Open     | Ractors vs "skynet" microbenchmark   |                          | 05/02/2022 11:36 PM |
| 18758 | Ruby master | Bug     | Open     | Ruby fails to build on M1 Mac when x86 Homebrew is installed   |                          | 04/28/2022 03:19 PM |
| 18759 | Ruby master | Bug     | Open     | snapshot-ruby_2_7: test failure on macos-12  |                          | 04/28/2022 12:18 AM |
| 18740 | Ruby master | Bug     | Open     | Use of rightward assignment changes line number needed for line-targeted TracePoint                              |                          | 04/27/2022 09:56 AM |
| 18133 | Ruby master | Bug     | Assigned | LTO: TestGCCCompact#test_ast_compacts segfaults on i686  |                          | 04/23/2022 04:19 PM |
| 18731 | Ruby master | Bug     | Open     | Parallel test-all sometimes does not run at all some tests   |                          | 04/23/2022 12:58 PM |
| 18737 | Ruby master | Bug     | Open     | Windows 'require' is case independent  |                          | 04/22/2022 06:18 PM |
| 18622 | Ruby master | Bug     | Open     | const_get still looks in Object, while lexical constant lookup no longer does                                    |                          | 04/22/2022 11:26 AM |
| 18567 | Ruby master | Bug     | Open     | Depending on default gems in stdlib gems when not needed considered harmful                                      | hsbt (Hiroshi SHIBATA)   | 04/21/2022 04:45 PM |
| 18677 | Ruby master | Bug     | Assigned | BigDecimal#power (**) returns FloatDomainError when passing an infinite parameter                                | mrkn (Kenta Murata)      | 04/20/2022 02:04 AM |
| 18743 | Ruby master | Bug     | Open     | Enumerator#next / peek re-use each others stacktraces  |                          | 04/19/2022 02:42 PM |
| 18738 | Ruby master | Bug     | Open     | IRB can't recognize heredoc after words  |                          | 04/18/2022 12:00 AM |
| 18727 | Ruby master | Bug     | Assigned | Make failed on x86_64-cygwin (LoadError)   | peterzhu2118 (Peter Zhu) | 04/16/2022 05:15 AM |
| 18733 | Ruby master | Bug     | Open     | Ruby GC problems cause performance issue with Ractor   |                          | 04/15/2022 09:13 AM |
| 18686 | Ruby master | Bug     | Open     | Regexp supporting unexpected age properties in Ruby < 3.2  |                          | 04/08/2022 06:52 PM |
| 18455 | Ruby master | Bug     | Open     | `IO#close` has poor performance and difficult to understand semantics.   |                          | 04/04/2022 02:02 AM |
| 18674 | Ruby master | Bug     | Open     | Build failure `make up` with WSL2  |                          | 04/01/2022 08:51 AM |
| 18605 | Ruby master | Bug     | Open     | Fails to run on (newer) 32bit Windows with ucrt  |                          | 04/01/2022 07:52 AM |
| 18247 | Ruby master | Bug     | Open     | weird results for `Array#slice` or `Array#[]` with argument of type `Enumerator::ArithmeticSequence`             |                          | 03/30/2022 11:05 PM |
| 18396 | Ruby master | Bug     | Open     | An unexpected "hash value omission" syntax error when without parentheses call expr follows                      |                          | 03/29/2022 09:58 PM |
| 18666 | Ruby master | Bug     | Open     | No rule to make target 'yaml/yaml.h', needed by 'api.o'  | hsbt (Hiroshi SHIBATA)   | 03/29/2022 11:17 AM |
| 18661 | Ruby master | Bug     | Open     | Net::HTTP behavior changed between 2.6 and 3.1 on windows.   |                          | 03/25/2022 01:57 PM |
| 18553 | Ruby master | Bug     | Open     | Memory leak on compiling method call with kwargs   | ko1 (Koichi Sasada)      | 03/23/2022 09:34 PM |
| 18651 | Ruby master | Bug     | Open     | oob access in CP51932 -> CP50220 transcoder  | akr (Akira Tanaka)       | 03/23/2022 01:17 PM |
| 17196 | Ruby master | Bug     | Assigned | Segmentation Fault with Socket#close in Ractors  | ko1 (Koichi Sasada)      | 03/20/2022 01:52 PM |
| 18614 | Ruby master | Bug     | Open     | Error (busy loop) in TestGemCommandsSetupCommand#test_destdir_flag_does_not_try_to_write_to_the_default_gem_home | hsbt (Hiroshi SHIBATA)   | 03/17/2022 01:03 AM |
| 18623 | Ruby master | Bug     | Open     | `make runnable` does not work  | nobu (Nobuyoshi Nakada)  | 03/16/2022 01:28 AM |
| 18580 | Ruby master | Bug     | Open     | Range#include? inconsistency for beginless String ranges   |                          | 03/09/2022 10:22 PM |

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|-------|-------------|---------|----------|---|---------------------------|---------------------|
| 18616 | Ruby master | Bug     | Open     | Error with clang(1) on MacOS due to __declspec()  |                           | 03/09/2022 10:50 AM |
| 18476 | Ruby master | Bug     | Open     | Call to require stuck forever after receiving EAGAIN on writev when running with zeus                       |                           | 02/28/2022 02:55 PM |
| 18169 | Ruby master | Bug     | Assigned | Local copies of gemified libraries are being released out of sync with their gems                           | hsbt (Hiroshi SHIBATA)    | 02/25/2022 05:40 PM |
| 18601 | Ruby master | Bug     | Open     | Invalid byte sequences in Big5 encodings  | duerst (Martin Dürst)     | 02/23/2022 07:59 AM |
| 18257 | Ruby master | Bug     | Open     | rb_mRubyVMFrozenCore is broken by GC run  |                           | 02/10/2022 12:36 PM |
| 18572 | Ruby master | Bug     | Assigned | Performance regression when invoking refined methods  | ko1 (Koichi Sasada)       | 02/10/2022 12:48 AM |
| 17263 | Ruby master | Bug     | Open     | Fiber context switch degrades with number of fibers, limit on number of fibers                              |                           | 01/31/2022 02:47 PM |
| 11064 | Ruby master | Bug     | Open     | #singleton_methods for objects with special singleton_class returns an empty array                          |                           | 01/31/2022 05:02 AM |
| 18518 | Ruby master | Bug     | Open     | NoMemoryError + [FATAL] failed to allocate memory for twice 1 << large                                      |                           | 01/28/2022 01:40 PM |
| 18507 | Ruby master | Bug     | Open     | Incorrect target_os detection in configure script   |                           | 01/25/2022 08:57 AM |
| 18510 | Ruby master | Bug     | Open     | Unexpected waiting for console when starting ruby on windows  |                           | 01/23/2022 02:53 PM |
| 18506 | Ruby master | Bug     | Open     | make and make install rebuild items every time unnecessarily - sometimes causing races in parallel installs |                           | 01/21/2022 01:46 PM |
| 18429 | Ruby master | Bug     | Open     | Configure ruby-3.0.3 on Solaris 10 Unknown keyword 'URL' in './ruby.tmp.pc'                                 |                           | 01/18/2022 09:15 PM |
| 18492 | Ruby master | Bug     | Open     | `rb_rescue2` inside `rb_protect` segfaults on Windows   |                           | 01/14/2022 03:17 PM |
| 18472 | Ruby master | Bug     | Open     | rb_w32_map_errno is not found on Ruby-3.1.0   |                           | 01/13/2022 09:59 AM |
| 18473 | Ruby master | Bug     | Open     | Raw data in Socket::Option#inspect on Amazon Linux 2  |                           | 01/11/2022 02:13 PM |
| 18277 | Ruby master | Bug     | Open     | buffer error (Zlib::BufError) in Zlib::Deflate#deflate when using MJIT                                      | k0kubun (Takashi Kokubun) | 01/05/2022 03:04 PM |
| 18454 | Ruby master | Bug     | Open     | YJIT slowing down key Discourse benchmarks  |                           | 01/04/2022 08:45 AM |
| 18457 | Ruby master | Bug     | Open     | ruby 2.7.5 fiddle/types.rb use uint32_t but fiddle/cparser.rb lacks uint32_t                                |                           | 01/03/2022 01:00 PM |
| 18132 | Ruby master | Bug     | Open     | TODO: fix ccan/list thread safety   |                           | 01/02/2022 08:22 AM |
| 18456 | Ruby master | Bug     | Open     | rdoc non-determinism: module includes can be added once or twice to generated .ri                           |                           | 01/01/2022 11:16 PM |
| 18380 | Ruby master | Bug     | Open     | TestAddressResolve#test_socket_getnameinfo_domain_blocking test failures                                    |                           | 12/21/2021 04:22 PM |
| 18413 | Ruby master | Bug     | Open     | Segfault in `ripper/lexer.rb`   |                           | 12/17/2021 04:49 PM |
| 18412 | Ruby master | Bug     | Open     | Segfault in test_ractor.rb  |                           | 12/17/2021 04:23 AM |
| 17826 | Ruby master | Bug     | Assigned | Ractor#take hangs if used in multiple Threads   | ko1 (Koichi Sasada)       | 12/15/2021 01:30 PM |
| 18381 | Ruby master | Bug     | Assigned | Default vs Bundled gems   | hsbt (Hiroshi SHIBATA)    | 12/15/2021 11:09 AM |
| 18024 | Ruby master | Bug     | Assigned | Ractor crashes when connections are closed in multiple Ractors  | ko1 (Koichi Sasada)       | 12/14/2021 04:41 PM |
| 17799 | Ruby master | Bug     | Open     | Seg fault in rb_class_clear_method_cache  |                           | 12/09/2021 05:39 AM |
| 16920 | Ruby master | Bug     | Open     | TestThread#test_signal_at_join fails on aarch64   |                           | 12/07/2021 02:17 PM |
| 18393 | Ruby master | Bug     | Open     | TestReadline#test_interrupt_in_other_thread fails on armv7hl  |                           | 12/07/2021 02:03 PM |
| 18073 | Ruby master | Bug     | Open     | test/ruby/test_jit.rb: "error: invalid use of '___builtin_va_arg_pack ()'" on Ruby 2.7.4 on gcc 4.8.5       |                           | 12/03/2021 03:04 PM |

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| 17998 | Ruby master | Bug     | Assigned | ractor: process hanging (with ractors initialized, but not being used)   | ko1 (Koichi Sasada)       | 12/02/2021 08:17 PM |
| 14090 | Ruby master | Bug     | Assigned | `TestGc#test_interrupt_in_finalizer` fails very rarely   | ko1 (Koichi Sasada)       | 12/02/2021 07:24 PM |
| 18379 | Ruby master | Bug     | Open     | [CI] Windows mingw/ucrt - test-all timeout failures  |                           | 12/02/2021 02:23 AM |
| 18355 | Ruby master | Bug     | Assigned | require("pathname") within rack application chnages behaviors of Pathname methods, such as absolute?(), when there are two versions of 'pathname' gem installed. | hsbt (Hiroshi SHIBATA)    | 11/30/2021 08:01 AM |
| 18034 | Ruby master | Bug     | Assigned | Segmentation fault fiddle with `--enable-bundled-libffi` and macOS   | kou (Kouhei Sutou)        | 11/30/2021 07:39 AM |
| 17516 | Ruby master | Bug     | Assigned | forking in a ractor causes Ruby to crash   | ko1 (Koichi Sasada)       | 11/30/2021 05:26 AM |
| 13671 | Ruby master | Bug     | Assigned | Regexp with lookbehind and case-insensitivity raises RegexpError only on strings with certain characters   | duerst (Martin Dürst)     | 11/30/2021 04:42 AM |
| 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 |
| 18359 | Ruby master | Bug     | Open     | [Windows MinGW] warning Please include winsock2.h before windows.h   |                           | 11/23/2021 05:07 PM |
| 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 |
| 18269 | Ruby master | Bug     | Open     | trace_opt_not and trace_opt_regexpmatch2 insns are indistinguishable   |                           | 11/12/2021 07:44 AM |
| 16497 | Ruby master | Bug     | Assigned | StringIO#internal_encoding is broken (more severely in 2.7)  | nobu (Nobuyoshi Nakada)   | 10/26/2021 04:31 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 |
| 18258 | Ruby master | Bug     | Open     | Ractor.shareable? can be slow and mutates internal object flags.   | ko1 (Koichi Sasada)       | 10/21/2021 08:58 AM |
| 17146 | Ruby master | Bug     | Open     | Queue operations are allowed after it is frozen  |                           | 10/20/2021 08:32 PM |
| 17774 | Ruby master | Bug     | Open     | Quantified empty group causes regex to fail  |                           | 10/13/2021 04:43 PM |
| 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 |
| 18186 | Ruby master | Bug     | Open     | SEGV with system command - MinGW?  |                           | 09/22/2021 03:20 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 |
| 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 |
| 18152 | Ruby master | Bug     | Open     | Fix theoretical bug with signals + qsort   |                           | 09/08/2021 03:38 PM |
| 18142 | Ruby master | Bug     | Assigned | Segmentation fault with Ruby 3.0.2   | k0kubun (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 |

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| 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 |
| 15428 | Ruby master | Bug     | Open     | Refactor Proc#>> and #<<   |                            | 08/20/2021 06:31 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 |
| 13864 | Ruby master | Bug     | Assigned | Rinda multicast test failures due to missing default route   | seki (Masatoshi Seki)      | 08/17/2021 07:16 AM |
| 16836 | Ruby master | Bug     | Assigned | configure-time LDFLAGS leak into ruby pkg-config file  | nobu (Nobuyoshi Nakada)    | 08/14/2021 09:10 AM |
| 18058 | Ruby master | Bug     | Open     | 3.1.0-dev with MJIT enabled Zlib::BufError during `gem install`  | k0kubun (Takashi Kokubun)  | 08/02/2021 08:31 PM |
| 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 |
| 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 |
| 17931 | Ruby master | Bug     | Open     | Compile fails setup option nodynamic   |                            | 07/07/2021 08:51 AM |
| 18013 | Ruby master | Bug     | Open     | Unexpected results when mxiing negated character classes and case-folding  |                            | 06/29/2021 12:05 PM |
| 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 |
| 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 |
| 16951 | Ruby master | Bug     | Assigned | Consistently referer dependencies  | hsbt (Hiroshi SHIBATA)     | 06/17/2021 06:15 AM |
| 17990 | Ruby master | Bug     | Open     | Inconsistent behavior of Regexp quantifiers over characters with complex case foldings                               |                            | 06/15/2021 11:59 AM |
| 17989 | Ruby master | Bug     | Open     | Case insensitive Regexps do not handle characters with overlapping case foldings                                     |                            | 06/15/2021 11:43 AM |
| 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_calcc   | 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 |
| 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 |

| #     | Project     | Tracker | Status   | Subject  | Assignee                  | Updated             |
|-------|-------------|---------|----------|--|---------------------------|---------------------|
| 9010  | Ruby master | Bug     | Assigned | ./configure --prefix= cannot handle directories with spaces  | nobu (Nobuyoshi Nakada)   | 04/26/2021 10:38 PM |
| 17817 | Ruby master | Bug     | Open     | --jit outputs ./tmp/_ruby_mjit_*.h: No such file or directory on with TMP  |                           | 04/22/2021 11:57 AM |
| 11230 | Ruby master | Bug     | Open     | Should rb_struct_s_members() be public API?  |                           | 04/17/2021 05:06 PM |
| 12689 | Ruby master | Bug     | Open     | Thread isolation of \$~ and \$_  |                           | 04/01/2021 08:51 PM |
| 17354 | Ruby master | Bug     | Open     | Module#const_source_location is misleading for constants awaiting autoload   |                           | 03/26/2021 05:56 PM |
| 17142 | Ruby master | Bug     | Open     | Ruby fails to build in AIX   |                           | 03/20/2021 07:08 AM |
| 17680 | Ruby master | Bug     | Open     | tab completion no longer works on irb3.0   |                           | 03/13/2021 08:06 AM |
| 17676 | Ruby master | Bug     | Assigned | Accessing ENV from Ractor raises IsolationError  | ko1 (Koichi Sasada)       | 03/09/2021 02:37 AM |
| 17677 | Ruby master | Bug     | Assigned | Ractor crashes fork when blocking  | ko1 (Koichi Sasada)       | 03/09/2021 12:42 AM |
| 17678 | Ruby master | Bug     | Assigned | Ractors do not restart after fork  | ko1 (Koichi Sasada)       | 03/09/2021 12:42 AM |
| 13513 | Ruby master | Bug     | Assigned | Resolv::DNS::Message.decode hangs after detecting truncation in UDP messages   | akr (Akira Tanaka)        | 03/08/2021 11:35 PM |
| 16810 | Ruby master | Bug     | Open     | ruby segfaults on s390x with musl libc   |                           | 03/05/2021 01:38 AM |
| 17667 | Ruby master | Bug     | Open     | Module#name needs synchronization  | ko1 (Koichi Sasada)       | 03/02/2021 07:31 AM |
| 16842 | Ruby master | Bug     | Assigned | `inspect` prints the UTF-8 character U+0085 (NEXT LINE) verbatim even though it is not printable                       | duerst (Martin Dürst)     | 02/26/2021 05:43 AM |
| 14480 | Ruby master | Bug     | Open     | miniruby crashing when compiled with -O2 or -O1 on aarch64   |                           | 02/23/2021 10:35 AM |
| 17646 | Ruby master | Bug     | Open     | Check for `__builtin_mul_overflow` with `long long` arguments  |                           | 02/19/2021 06:19 PM |
| 16694 | Ruby master | Bug     | Assigned | JIT vs hardened GCC with PCH   | k0kubun (Takashi Kokubun) | 02/02/2021 07:38 AM |
| 17543 | Ruby master | Bug     | Open     | Ractor isolation broken by `self` in shareable proc  | ko1 (Koichi Sasada)       | 01/29/2021 03:06 PM |
| 17531 | Ruby master | Bug     | Open     | `did_you_mean` not Ractor friendly   | ko1 (Koichi Sasada)       | 01/29/2021 08:48 AM |
| 17578 | Ruby master | Bug     | Assigned | mkmf experimental C++ Support  | nobu (Nobuyoshi Nakada)   | 01/27/2021 03:51 AM |
| 17420 | Ruby master | Bug     | Open     | Unsafe mutation of \$" when doing non-RubyGems require in Ractor   | ko1 (Koichi Sasada)       | 01/07/2021 01:23 PM |
| 17513 | Ruby master | Bug     | Open     | Methods of shareable objects and UnboundMethods should be shareable  | ko1 (Koichi Sasada)       | 01/06/2021 08:53 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 |
| 17337 | Ruby master | Bug     | Open     | Don't embed Ruby build-time configuration in Ruby  |                           | 12/21/2020 04:17 PM |
| 17400 | Ruby master | Bug     | Open     | Incorrect character downcase for Greek Sigma   | duerst (Martin Dürst)     | 12/17/2020 06:56 AM |
| 17383 | Ruby master | Bug     | Open     | 3.0 recursion memory speed issues  |                           | 12/09/2020 05:41 PM |
| 17359 | Ruby master | Bug     | Open     | Ractor copy mode is not Ractor-safe  | ko1 (Koichi Sasada)       | 12/02/2020 05:42 PM |
| 17289 | Ruby master | Bug     | Assigned | Time#strftime occurs Segmentation Fault on ruby-2.7.2p137  | shyouhei (Shyouhei Urabe) | 11/05/2020 07:57 AM |

| #     | Project     | Tracker | Status   | Subject  | Assignee                   | Updated             |
|-------|-------------|---------|----------|--|----------------------------|---------------------|
| 17159 | Ruby master | Bug     | Open     | extend `define_method` for Ractor  |                            | 10/29/2020 04:06 PM |
| 11808 | Ruby master | Bug     | Open     | Different behavior between Enumerable#grep and Array#grep  | ko1 (Koichi Sasada)        | 10/26/2020 04:36 AM |
| 17180 | Ruby master | Bug     | Open     | Ractor and constant referencing  |                            | 09/20/2020 05:43 PM |
| 16997 | Ruby master | Bug     | Open     | IO#gets converts some \r\n to \n with universal_newline: false   |                            | 08/26/2020 05:20 PM |
| 17037 | Ruby master | Bug     | Open     | rounding of Rational#to_f  |                            | 08/26/2020 03:54 AM |
| 16820 | Ruby master | Bug     | Open     | LEGAL is out of sync   |                            | 08/19/2020 11:08 AM |
| 16819 | Ruby master | Bug     | Assigned | Line reporting off by one when reporting line of a hash?   | ko1 (Koichi Sasada)        | 06/16/2020 05:57 PM |
| 16959 | Ruby master | Bug     | Open     | Weakmap has specs and third-party usage despite being a private API  |                            | 06/13/2020 08:54 PM |
| 7840  | Ruby master | Bug     | Open     | -Wdeclaration-after-statement is valid for C/ObjC but not for C++  | nobu (Nobuyoshi Nakada)    | 06/02/2020 04:41 PM |
| 16927 | Ruby master | Bug     | Open     | String#tr won't return the expected result for some sign with diacritics   |                            | 06/01/2020 05:24 AM |
| 16905 | Ruby master | Bug     | Open     | Ruby required to build Ruby on Haiku?  |                            | 05/24/2020 08:08 AM |
| 14387 | Ruby master | Bug     | Open     | Ruby 2.5 Alpine Linux SystemStackError   |                            | 04/21/2020 03:13 PM |
| 5179  | Ruby master | Bug     | Assigned | Complex#rationalize and to_r with approximate zeros  | mrkn (Kenta Murata)        | 01/17/2020 03:00 AM |
| 16493 | Ruby master | Bug     | Open     | TestThreadQueue#test_thr_kill is flaky on AArch64  |                            | 01/09/2020 09:39 AM |
| 10580 | Ruby master | Bug     | Open     | TestProcess#test_deadlock_by_signal_at_forking fails on ARM  | akr (Akira Tanaka)         | 12/30/2019 03:00 AM |
| 10128 | Ruby master | Bug     | Open     | Quoting problem for arguments of Kernel.system, Kernel.exec on Windows   | cruby-windows              | 12/30/2019 03:00 AM |
| 9435  | Ruby master | Bug     | Open     | Kernel.system problem  |                            | 12/30/2019 03:00 AM |
| 8299  | Ruby master | Bug     | Assigned | Minor error in float parsing   | nobu (Nobuyoshi Nakada)    | 12/30/2019 03:00 AM |
| 8185  | Ruby master | Bug     | Open     | Thread/fork issue  |                            | 12/30/2019 03:00 AM |
| 5334  | Ruby master | Bug     | Assigned | Segmentation fault in InternetExplorer IServiceProvider interface  | suke (Masaki Suketa)       | 12/30/2019 03:00 AM |
| 11531 | Ruby master | Bug     | Assigned | IPAddr#== implements wrong logic   | knu (Akinori MUSA)         | 12/29/2019 12:50 PM |
| 12500 | Ruby master | Bug     | Open     | TestProcess#test_aspawn_too_long_path fails on mips with "argument too big"  |                            | 12/29/2019 10:38 AM |
| 595   | Ruby master | Bug     | Assigned | Fiber ignores ensure clause  | ioquatix (Samuel Williams) | 12/29/2019 10:37 AM |
| 14418 | Ruby master | Bug     | Open     | ruby 2.5 slow regexp execution   |                            | 12/29/2019 10:34 AM |
| 16288 | Ruby master | Bug     | Open     | Segmentation fault with finalizers, threads  |                            | 12/19/2019 07:46 PM |
| 16265 | Ruby master | Bug     | Open     | Test (spec) failure using current MSYS2 tools, related to -fstack-protector and possibly D_FORTIFY_SOURCE=2  |                            | 12/03/2019 03:09 PM |
| 16185 | Ruby master | Bug     | Open     | basictest failure on AIX 6.1 for 64bit build   | kanemoto (Yutaka Kanemoto) | 10/15/2019 12:05 AM |
| 16158 | Ruby master | Bug     | Open     | "st" Character Sequence In Regex Look-Behind Causes Illegal Pattern Error When Combined With POSIX Bracket Expressions And Case Insensitivity Flag |                            | 09/17/2019 09:37 AM |
| 16145 | Ruby master | Bug     | Open     | regexp match error if mixing /i, character classes, and utf8   |                            | 09/06/2019 05:52 AM |



| #     | Project     | Tracker | Status   | Subject  | Assignee                  | Updated             |
|-------|-------------|---------|----------|--|---------------------------|---------------------|
| 10436 | Ruby master | Bug     | Open     | ruby -c and ripper inconsistency: m(&nil) {}   |                           | 08/27/2019 12:08 AM |
| 9115  | Ruby master | Bug     | Assigned | Logger traps all exceptions; breaks Timeout  | sonots (Naotoshi Seo)     | 08/20/2019 12:47 PM |
| 10919 | Ruby master | Bug     | Assigned | [gem install] installs multiple platforms  | hsbt (Hiroshi SHIBATA)    | 07/30/2019 07:44 AM |
| 8444  | Ruby master | Bug     | Open     | Regexp vars \$~ and friends are not thread local   | ko1 (Koichi Sasada)       | 07/30/2019 07:38 AM |
| 11526 | Ruby master | Bug     | Assigned | Streaming HTTP requests are not idempotent and should not be retried   | naruse (Yui NARUSE)       | 07/01/2019 09:16 PM |
| 11174 | Ruby master | Bug     | Open     | threads memory leak  | ko1 (Koichi Sasada)       | 06/17/2019 03:17 PM |
| 15764 | Ruby master | Bug     | Open     | Whitespace and control characters should not be permitted in tokens  | matz (Yukihiro Matsumoto) | 04/22/2019 07:48 AM |
| 15438 | Ruby master | Bug     | Open     | Threads can't switch faster than TIME_QUANTUM_(NSEC USEC MSEC)   |                           | 03/25/2019 08:53 PM |
| 15598 | Ruby master | Bug     | Open     | Deadlock on mutual reference of autoloaded constants   |                           | 03/20/2019 10:58 AM |
| 15550 | Ruby master | Bug     | Assigned | Windows - gem bin files - can't run from bash shell  | hsbt (Hiroshi SHIBATA)    | 03/20/2019 01:05 AM |
| 15599 | Ruby master | Bug     | Open     | Mixing autoload and require causes deadlock and incomplete definition.   |                           | 02/12/2019 01:40 PM |
| 15423 | Ruby master | Bug     | Open     | fork leapfrog leaks memory on FreeBSD 11.2   |                           | 12/16/2018 02:28 PM |
| 14474 | Ruby master | Bug     | Open     | skip "TestException#test_thread_signal_location" as known bug  |                           | 12/10/2018 07:09 AM |
| 14640 | Ruby master | Bug     | Open     | [win32] File.realpath treats a relative path with a drive letter as an absolute path.                          | cruby-windows             | 12/10/2018 07:09 AM |
| 15386 | Ruby master | Bug     | Open     | [PATCH] io.c (rb_io_check_char_readable): do not io_fflush buffered sockets                                    |                           | 12/06/2018 11:38 AM |
| 15367 | Ruby master | Bug     | Open     | IO.select is not resumed when io-object gets closed  |                           | 12/03/2018 10:22 AM |
| 15315 | Ruby master | Bug     | Open     | ec_switch can still lose interrupts  | ko1 (Koichi Sasada)       | 11/20/2018 09:32 AM |
| 15310 | Ruby master | Bug     | Open     | [PATCH] thread_pthread.c: close race from UBF_TIMER and non-GVL-releasing thread                               |                           | 11/20/2018 12:50 AM |
| 15263 | Ruby master | Bug     | Open     | [PATCH] vm_trace.c (postponed_job_register): only hit main thread  | ko1 (Koichi Sasada)       | 10/27/2018 11:35 PM |
| 15247 | Ruby master | Bug     | Open     | Windows - TEMP folder, non 8.3 & drive, fails & errors in test-all (ruby & rdoc)                               |                           | 10/23/2018 05:02 PM |
| 15072 | Ruby master | Bug     | Open     | thread.c:4356:5: error: implicit declaration of function 'ubf_list_atfork'                                     | normalperson (Eric Wong)  | 09/20/2018 03:32 AM |
| 14364 | Ruby master | Bug     | Open     | Regexp last match variable in procs  |                           | 09/14/2018 05:28 AM |
| 14971 | Ruby master | Bug     | Open     | error: implicit declaration of function 'rb_vm_call0   | nobu (Nobuyoshi Nakada)   | 09/06/2018 03:53 AM |
| 14957 | Ruby master | Bug     | Open     | MinGW, gcc 8.2.0, bootstraptest test_thread.rb - failure ?   |                           | 08/03/2018 02:46 PM |
| 9366  | Ruby master | Bug     | Assigned | "make -j32 check TESTS=-j32" occasionally fails on rubygems/specification                                      | hsbt (Hiroshi SHIBATA)    | 07/26/2018 02:13 AM |
| 14906 | Ruby master | Bug     | Open     | MinGW failure - TestIO#test_copy_stream_no_busy_wait   |                           | 07/12/2018 03:52 AM |
| 14838 | Ruby master | Bug     | Open     | RegexpError with double "s" in look-behind assertion in case-insensitive unicode regexp                        |                           | 06/09/2018 04:04 PM |
| 14826 | Ruby master | Bug     | Open     | make: *** [.ext/include/sparc-solaris2.10/rb_mjit_min_header-2.6.0.h] Error 1 on Solaris 10 with very old gcc3 |                           | 06/05/2018 02:02 PM |





| #     | Project     | Tracker | Status   | Subject  | Assignee                       | Updated             |
|-------|-------------|---------|----------|--|--------------------------------|---------------------|
| 18885 | Ruby master | Feature | Open     | Long lived fork advisory API (potential Copy on Write optimizations)               |                                | 06/30/2022 09:27 AM |
| 18559 | Ruby master | Feature | Open     | Allocation tracing: Objects created by the parser are attributed to Kernel.require |                                | 06/28/2022 12:21 PM |
| 17326 | Ruby master | Feature | Open     | Add Kernel#must! to the standard library   |                                | 06/22/2022 04:10 PM |
| 18809 | Ruby master | Feature | Open     | Add Numeric#ceildiv  |                                | 06/21/2022 06:21 PM |
| 18832 | Ruby master | Feature | Open     | Do not have class/module keywords consider ancestors of Object                     |                                | 06/21/2022 05:50 AM |
| 15330 | Ruby master | Feature | Open     | autoload_relative  | matz (Yukihiro Matsumoto)      | 06/19/2022 11:25 PM |
| 18841 | Ruby master | Feature | Open     | Proposal: autoload_relative  |                                | 06/19/2022 11:22 PM |
| 18644 | Ruby master | Feature | Open     | Coerce anything callable to a Proc   |                                | 06/18/2022 05:28 PM |
| 18831 | Ruby master | Feature | Open     | Block argument to `yield`  |                                | 06/18/2022 03:12 AM |
| 18159 | Ruby master | Feature | Open     | Integrate functionality of dead_end gem into Ruby                                  | matz (Yukihiro Matsumoto)      | 06/17/2022 02:06 PM |
| 18835 | Ruby master | Feature | Open     | Add InstructionSequence#type method  |                                | 06/16/2022 10:30 PM |
| 17525 | Ruby master | Feature | Open     | Implement Happy Eyeballs Version 2 (RFC8305) in Socket.tcp                         | Glass_saga (Masaki Matsushita) | 06/16/2022 01:08 AM |
| 17472 | Ruby master | Feature | Open     | HashWithIndifferentAccess like Hash extension                                      |                                | 06/16/2022 01:08 AM |
| 17468 | Ruby master | Feature | Open     | Deprecate RUBY_DEVEL   |                                | 06/16/2022 01:08 AM |
| 16476 | Ruby master | Feature | Open     | Socket.getaddrinfo cannot be interrupted by Timeout.timeout                        | Glass_saga (Masaki Matsushita) | 06/16/2022 01:08 AM |
| 16005 | Ruby master | Feature | Open     | A variation of Time.iso8601 that can parse yyyy-MM-dd HH:mm:ss                     |                                | 06/16/2022 01:08 AM |
| 16495 | Ruby master | Feature | Open     | Inconsistent quotes in error messages  | matz (Yukihiro Matsumoto)      | 06/15/2022 04:21 PM |
| 18825 | Ruby master | Feature | Open     | Specialized instruction for "array literal + `.hash`"                              |                                | 06/14/2022 05:24 PM |
| 18822 | Ruby master | Feature | Open     | Ruby lack a proper method to percent-encode strings for URIs (RFC 3986)            |                                | 06/09/2022 02:42 PM |
| 16597 | Ruby master | Feature | Open     | missing poll()   |                                | 06/09/2022 09:14 AM |
| 18821 | Ruby master | Feature | Open     | Expose Pattern Matching interfaces in core classes                                 |                                | 06/09/2022 07:24 AM |
| 16150 | Ruby master | Feature | Open     | Add a way to request a frozen string from to_s                                     |                                | 06/03/2022 04:42 PM |
| 18815 | Ruby master | Feature | Open     | instance_{eval,exec} vs Proc#>>  |                                | 06/02/2022 05:17 PM |
| 18812 | Ruby master | Feature | Open     | Add ability to trace exit locations for YJIT                                       |                                | 06/01/2022 02:42 PM |
| 14602 | Ruby master | Feature | Open     | Version of dig that raises error if a key is not present                           |                                | 05/25/2022 12:02 PM |
| 18798 | Ruby master | Feature | Open     | `UnboundMethod#==` with inherited classes  |                                | 05/25/2022 12:32 AM |
| 18774 | Ruby master | Feature | Open     | Add Queue#pop(timeout:)  |                                | 05/20/2022 12:27 AM |
| 17363 | Ruby master | Feature | Assigned | Timeouts   | ko1 (Koichi Sasada)            | 05/14/2022 09:06 AM |
| 17316 | Ruby master | Feature | Open     | On memoization   |                                | 05/13/2022 11:32 AM |
| 18776 | Ruby master | Feature | Open     | Object Shapes  |                                | 05/13/2022 01:11 AM |

| #     | Project     | Tracker | Status   | Subject   | Assignee                  | Updated             |
|-------|-------------|---------|----------|---|---------------------------|---------------------|
| 18654 | Ruby master | Feature | Open     | Enhancements to prettyprint   | akr (Akira Tanaka)        | 05/12/2022 01:44 PM |
| 18642 | Ruby master | Feature | Open     | Named ripper fields   |                           | 05/12/2022 01:37 PM |
| 18690 | Ruby master | Feature | Open     | Allow `Kernel#then` to take arguments   |                           | 05/10/2022 06:16 PM |
| 18384 | Ruby master | Feature | Open     | Pattern Match Object  |                           | 05/07/2022 06:01 PM |
| 18762 | Ruby master | Feature | Open     | Add an Array#undigits that compliments Integer#digits                                     |                           | 05/03/2022 08:08 PM |
| 18757 | Ruby master | Feature | Open     | Introduce %R percent literal for anchored regular expression patterns                     |                           | 04/27/2022 05:30 PM |
| 18685 | Ruby master | Feature | Open     | Enumerator.product: Cartesian product of enumerables                                      |                           | 04/26/2022 07:02 AM |
| 18683 | Ruby master | Feature | Open     | Allow to create hashes with a specific capacity.  |                           | 04/22/2022 02:34 PM |
| 18668 | Ruby master | Feature | Open     | Merge `io-nonblock` gems into core  |                           | 04/21/2022 10:02 AM |
| 18630 | Ruby master | Feature | Open     | Introduce general `IO#timeout` and `IO#timeout=` for all (non-)blocking operations.       |                           | 04/21/2022 09:36 AM |
| 10548 | Ruby master | Feature | Open     | remove callcc (Callcc is now going obsoleted. Please use Fiber.)                          |                           | 04/18/2022 09:07 AM |
| 18736 | Ruby master | Feature | Open     | self-p for method chain   |                           | 04/15/2022 11:09 AM |
| 17849 | Ruby master | Feature | Open     | Fix Timeout.timeout so that it can be used in threaded Web servers                        | matz (Yukihiro Matsumoto) | 04/10/2022 06:26 AM |
| 18675 | Ruby master | Feature | Open     | Add new exception class for resolv timeouts   |                           | 04/01/2022 11:22 PM |
| 16978 | Ruby master | Feature | Open     | Ruby should not use realpath for __FILE__   | nobu (Nobuyoshi Nakada)   | 04/01/2022 11:30 AM |
| 18594 | Ruby master | Feature | Open     | Add a #to_h method on URI::Generic  |                           | 03/31/2022 01:18 PM |
| 18571 | Ruby master | Feature | Assigned | Removed the bundled sources from release package after Ruby 3.2                           | hsbt (Hiroshi SHIBATA)    | 03/28/2022 06:23 AM |
| 18659 | Ruby master | Feature | Open     | Create a Binding at the time of an exception and make it available to Rescue              |                           | 03/25/2022 10:55 AM |
| 18179 | Ruby master | Feature | Open     | Add Math methods to Numeric   |                           | 03/24/2022 02:54 PM |
| 18462 | Ruby master | Feature | Open     | Proposal to merge WASI based WebAssembly support  |                           | 03/24/2022 03:05 AM |
| 18639 | Ruby master | Feature | Open     | Update Unicode data to Unicode Version 15.0.0   | duerst (Martin Dürst)     | 03/22/2022 07:38 PM |
| 17548 | Ruby master | Feature | Open     | Need simple way to include symlink directories in Dir.glob                                |                           | 03/21/2022 01:35 PM |
| 18640 | Ruby master | Feature | Open     | default empty string argument for `String#sub` and `String#sub!`, e.g. `"hello".sub("l")` |                           | 03/19/2022 02:33 AM |
| 18647 | Ruby master | Feature | Open     | Non-recursive option for iseq-targeted Tracepoints in ruby 2.6+                           |                           | 03/18/2022 09:41 AM |
| 18576 | Ruby master | Feature | Open     | Rename `ASCII-8BIT` encoding to `BINARY`  |                           | 03/17/2022 03:06 PM |
| 18583 | Ruby master | Feature | Open     | Pattern-matching: API for custom unpacking strategies?                                    |                           | 03/17/2022 01:10 PM |
| 15592 | Ruby master | Feature | Open     | mode where "autoload" behaves like an immediate "require"                                 |                           | 03/16/2022 09:58 AM |
| 18617 | Ruby master | Feature | Open     | Allow multiples keys in Hash#[] acting like Hash#dig                                      |                           | 03/10/2022 01:36 PM |
| 18603 | Ruby master | Feature | Open     | Allow syntax like obj.method(arg)=value   |                           | 02/27/2022 05:04 PM |
| 18597 | Ruby master | Feature | Open     | Strings need a named method like `dup` that doesn't duplicate if receiver is mutable      |                           | 02/26/2022 11:56 PM |
| 18498 | Ruby master | Feature | Open     | Introduce a public WeakKeysMap that compares by equality                                  |                           | 02/20/2022 04:06 PM |

| #     | Project     | Tracker | Status   | Subject  | Assignee                             | Updated             |
|-------|-------------|---------|----------|--|--------------------------------------|---------------------|
| 18593 | Ruby master | Feature | Open     | Add back URI.escape  |                                      | 02/18/2022 07:45 PM |
| 16989 | Ruby master | Feature | Open     | Sets: need ♥   | knu (Akinori MUSAHA)                 | 02/18/2022 02:57 AM |
| 18568 | Ruby master | Feature | Open     | Explore lazy RubyGems boot to reduce need for --disable-gems               |                                      | 02/17/2022 07:15 AM |
| 18463 | Ruby master | Feature | Open     | Random number generation with xoshiro                                      |                                      | 02/13/2022 09:12 AM |
| 18573 | Ruby master | Feature | Open     | Object#pack1   |                                      | 02/08/2022 08:51 AM |
| 18438 | Ruby master | Feature | Open     | Add `Exception#additional_message` to show additional error information    |                                      | 02/07/2022 02:55 AM |
| 18368 | Ruby master | Feature | Open     | Range#step semantics for non-Numeric ranges                                |                                      | 02/02/2022 03:42 PM |
| 18564 | Ruby master | Feature | Open     | Add Exception#detailed_message   | mame (Yusuke Endoh)                  | 02/01/2022 08:06 PM |
| 18402 | Ruby master | Feature | Open     | Argument Labels  |                                      | 01/31/2022 06:14 PM |
| 18554 | Ruby master | Feature | Open     | Move unicode_normalize to a default gem                                    |                                      | 01/31/2022 05:51 PM |
| 18515 | Ruby master | Feature | Open     | Add Range#reverse_each implementation for performance                      |                                      | 01/31/2022 02:23 AM |
| 18285 | Ruby master | Feature | Open     | NoMethodError#message uses a lot of CPU/is really expensive to call        |                                      | 01/30/2022 12:45 PM |
| 18551 | Ruby master | Feature | Open     | Make Range#reverse_each to raise an exception if endless                   |                                      | 01/28/2022 11:13 PM |
| 18136 | Ruby master | Feature | Open     | take_while_after   |                                      | 01/28/2022 06:23 AM |
| 18408 | Ruby master | Feature | Assigned | Allow pattern match to set instance variables                              | ktsj (Kazuki Tsujimoto)              | 01/26/2022 07:07 PM |
| 18181 | Ruby master | Feature | Open     | Introduce Enumerable#min_with_value, max_with_value, and minmax_with_value |                                      | 01/25/2022 07:33 AM |
| 16757 | Ruby master | Feature | Open     | Add intersection to Range  |                                      | 01/22/2022 07:26 AM |
| 14394 | Ruby master | Feature | Open     | Class.descendants  | ko1 (Koichi Sasada)                  | 01/20/2022 10:46 PM |
| 18494 | Ruby master | Feature | Open     | [RFC] ENV["RUBY_GC_..."]= changes GC parameters dynamically                |                                      | 01/17/2022 11:15 PM |
| 15559 | Ruby master | Feature | Open     | Logical XOR (^) operator   |                                      | 01/16/2022 03:20 AM |
| 16986 | Ruby master | Feature | Open     | Anonymous Struct literal   | matz (Yukihiro Matsumoto)            | 01/15/2022 04:57 PM |
| 18478 | Ruby master | Feature | Open     | Module#constant_pairs  |                                      | 01/11/2022 07:55 PM |
| 18477 | Ruby master | Feature | Open     | Float#sqrt and Integer#sqrt  |                                      | 01/11/2022 07:34 PM |
| 18439 | Ruby master | Feature | Open     | Support YJIT for VC++  | maximecb (Maxime Chevalier-Boisvert) | 01/10/2022 11:29 PM |
| 12125 | Ruby master | Feature | Open     | Proposal: Shorthand operator for Object#method                             |                                      | 01/07/2022 06:23 PM |
| 17473 | Ruby master | Feature | Open     | Make Pathname to embedded class of Ruby                                    | akr (Akira Tanaka)                   | 01/07/2022 09:25 AM |
| 18459 | Ruby master | Feature | Assigned | IRB autocomplete dropdown colour options                                   | aycabta (aycabta .)                  | 01/05/2022 02:15 AM |
| 12901 | Ruby master | Feature | Open     | Anonymous functions without scope lookup overhead                          |                                      | 01/01/2022 12:30 PM |
| 14982 | Ruby master | Feature | Open     | Improve namespace system in ruby to avoiding top-level names chaos         | matz (Yukihiro Matsumoto)            | 12/31/2021 05:39 PM |
| 18440 | Ruby master | Feature | Open     | YJIT is enabled if any YJIT tuning options are set                         |                                      | 12/30/2021 08:17 PM |

| #     | Project     | Tracker | Status   | Subject  | Assignee                  | Updated             |
|-------|-------------|---------|----------|--|---------------------------|---------------------|
| 18376 | Ruby master | Feature | Open     | Version comparison API   |                           | 12/30/2021 10:33 AM |
| 18450 | Ruby master | Feature | Assigned | Force break in prettyprint   | akr (Akira Tanaka)        | 12/29/2021 02:02 PM |
| 18332 | Ruby master | Feature | Open     | a ? b  |                           | 12/29/2021 04:38 AM |
| 18423 | Ruby master | Feature | Open     | Installing stable versions like 3.0.3 from source generates fatal error by make  |                           | 12/23/2021 11:44 PM |
| 16817 | Ruby master | Feature | Open     | attr_predicate or attr_query or attr_something for ? methods   |                           | 12/23/2021 11:44 PM |
| 16347 | Ruby master | Feature | Open     | InmutableObject  |                           | 12/23/2021 11:44 PM |
| 16118 | Ruby master | Feature | Open     | Array .difference allow custom comparison  |                           | 12/23/2021 11:44 PM |
| 15458 | Ruby master | Feature | Open     | Automatic Exception#cause print in IRB   |                           | 12/23/2021 11:44 PM |
| 15419 | Ruby master | Feature | Open     | Allow Kernel#tap to be invoked with arguments like Kernel#send   |                           | 12/23/2021 11:43 PM |
| 15036 | Ruby master | Feature | Open     | after upgrade when run apt upgrade metasploit  |                           | 12/23/2021 11:43 PM |
| 14465 | Ruby master | Feature | Open     | rename/alias and then obsolete UDPSocket::send   |                           | 12/23/2021 11:43 PM |
| 14463 | Ruby master | Feature | Open     | Allow comments to precede dots in member expressions   |                           | 12/23/2021 11:43 PM |
| 14449 | Ruby master | Feature | Open     | error when trying to run rails s   |                           | 12/23/2021 11:43 PM |
| 12867 | Ruby master | Feature | Open     | Add ability to check validity of a URL   |                           | 12/23/2021 11:43 PM |
| 12057 | Ruby master | Feature | Open     | Allow methods with `yield` to be called without a block  |                           | 12/23/2021 11:43 PM |
| 12021 | Ruby master | Feature | Open     | Final instance variables   |                           | 12/23/2021 11:43 PM |
| 12019 | Ruby master | Feature | Open     | Better low-level support for writing concurrent libraries  | matz (Yukihiro Matsumoto) | 12/23/2021 11:43 PM |
| 11627 | Ruby master | Feature | Open     | make `nonzero` an alias of `nonzero?`  | matz (Yukihiro Matsumoto) | 12/23/2021 11:43 PM |
| 11026 | Ruby master | Feature | Open     | How atomic should dynamic regexp with "once" flag be?  |                           | 12/23/2021 11:43 PM |
| 10829 | Ruby master | Feature | Open     | Add to_proc method to the Array class  |                           | 12/23/2021 11:43 PM |
| 10634 | Ruby master | Feature | Open     | Baselining with Benchmark  |                           | 12/23/2021 11:43 PM |
| 10528 | Ruby master | Feature | Open     | Allow line breaks instead of commas in arrays, hashes, argument lists, etc.  |                           | 12/23/2021 11:43 PM |
| 10477 | Ruby master | Feature | Open     | Implicit interfaces  |                           | 12/23/2021 11:43 PM |
| 10371 | Ruby master | Feature | Open     | Use Thread#handle_interrupt in MonitorMixin  |                           | 12/23/2021 11:43 PM |
| 10273 | Ruby master | Feature | Open     | Immutable Ruby   |                           | 12/23/2021 11:43 PM |
| 10217 | Ruby master | Feature | Open     | Dir constructor similar to Pathname constructor  |                           | 12/23/2021 11:43 PM |
| 9947  | Ruby master | Feature | Open     | Make `Object#send` and `Object#method` private   |                           | 12/23/2021 11:43 PM |
| 9941  | Ruby master | Feature | Open     | Issue a warning when `module` or `class` keyword causes re-initialization of a constant that will become the module/class name, instead of creating/reopening the module/class |                           | 12/23/2021 11:43 PM |
| 9804  | Ruby master | Feature | Open     | File::CREATE as a synonym for File::CREAT  |                           | 12/23/2021 11:43 PM |
| 9686  | Ruby master | Feature | Open     | Syntax for symbols used in hashes  |                           | 12/23/2021 11:43 PM |
| 9402  | Ruby master | Feature | Open     | A syntax to specify the default value of a hash  |                           | 12/23/2021 11:43 PM |

| #     | Project     | Tracker | Status   | Subject   | Assignee                  | Updated             |
|-------|-------------|---------|----------|---|---------------------------|---------------------|
| 9401  | Ruby master | Feature | Open     | Yet another syntax for literal anonymous functions (lambdas)                                    |                           | 12/23/2021 11:43 PM |
| 8961  | Ruby master | Feature | Open     | Synchronizable module to easily wrap methods in a mutex   |                           | 12/23/2021 11:43 PM |
| 8947  | Ruby master | Feature | Open     | make alias, alias_method, attr_* return name of the alias                                       |                           | 12/23/2021 11:43 PM |
| 8896  | Ruby master | Feature | Open     | #tap with missing block   |                           | 12/23/2021 11:43 PM |
| 8848  | Ruby master | Feature | Open     | Syntax for binary strings   |                           | 12/23/2021 11:43 PM |
| 8751  | Ruby master | Feature | Open     | Add offsets to method#source_location   |                           | 12/23/2021 11:43 PM |
| 8681  | Ruby master | Feature | Open     | Net::HTTP should set TCP_NODELAY for requests with body   |                           | 12/23/2021 11:43 PM |
| 8640  | Ruby master | Feature | Open     | Add Time#elapsed to return nanoseconds since creation   |                           | 12/23/2021 11:43 PM |
| 8635  | Ruby master | Feature | Open     | attr_accessor with default block  |                           | 12/23/2021 11:43 PM |
| 8626  | Ruby master | Feature | Open     | Add a Set coercion method to the standard lib: Set(possible_set)                                |                           | 12/23/2021 11:43 PM |
| 8619  | Ruby master | Feature | Open     | Standard Profiling API  |                           | 12/23/2021 11:43 PM |
| 8570  | Ruby master | Feature | Open     | Better mechanisms to safely load classes concurrently   |                           | 12/23/2021 11:43 PM |
| 8291  | Ruby master | Feature | Open     | Allow retrieving the root Fiber of a Thread   |                           | 12/23/2021 11:43 PM |
| 8275  | Ruby master | Feature | Open     | Add Module#public_const_get   |                           | 12/23/2021 11:43 PM |
| 8259  | Ruby master | Feature | Open     | Atomic attributes accessors   |                           | 12/23/2021 11:43 PM |
| 8088  | Ruby master | Feature | Open     | Method#parameters (and friends) should provide useful information about core methods            |                           | 12/23/2021 11:43 PM |
| 7895  | Ruby master | Feature | Open     | Exception#backtrace_locations to go with Thread#backtrace_locations and Kernel#caller_locations |                           | 12/23/2021 11:43 PM |
| 7845  | Ruby master | Feature | Open     | Strip doesn't handle unicode space characters in ruby 1.9.2 & 1.9.3 (does in 1.9.1)             |                           | 12/23/2021 11:43 PM |
| 7747  | Ruby master | Feature | Open     | Expanded API for Binding semantics  |                           | 12/23/2021 11:43 PM |
| 12020 | Ruby master | Feature | Assigned | Documenting Ruby memory model   | ko1 (Koichi Sasada)       | 12/23/2021 11:40 PM |
| 9023  | Ruby master | Feature | Assigned | Array#tail  | matz (Yukihiko Matsumoto) | 12/23/2021 11:40 PM |
| 8272  | Ruby master | Feature | Open     | Transfer feature tracking to CommonRuby   |                           | 12/23/2021 11:40 PM |
| 8271  | Ruby master | Feature | Assigned | Proposal for moving to a more visible, formal process for feature requests                      | matz (Yukihiko Matsumoto) | 12/23/2021 11:40 PM |
| 8263  | Ruby master | Feature | Assigned | Support discovering yield state of individual Fibers  | ko1 (Koichi Sasada)       | 12/23/2021 11:40 PM |
| 6308  | Ruby master | Feature | Assigned | Eliminate delegation from WeakRef   | matz (Yukihiko Matsumoto) | 12/23/2021 11:40 PM |
| 18411 | Ruby master | Feature | Open     | Introduce `Fiber.blocking` for disabling scheduler.   |                           | 12/23/2021 05:10 PM |
| 17339 | Ruby master | Feature | Assigned | Semantic grouping with BigDecimal#to_s  | mrkn (Kenta Murata)       | 12/20/2021 12:39 PM |
| 18418 | Ruby master | Feature | Open     | Add Net::HTTP#security_level=   |                           | 12/19/2021 11:58 AM |
| 17785 | Ruby master | Feature | Open     | Allow named parameters to be keywords   | matz (Yukihiko Matsumoto) | 12/17/2021 06:10 PM |
| 18410 | Ruby master | Feature | Open     | Proposal to make inspect include underscores on numerics  |                           | 12/16/2021 09:07 AM |



| #     | Project     | Tracker | Status | Subject  | Assignee                   | Updated             |
|-------|-------------|---------|--------|--|----------------------------|---------------------|
| 18296 | Ruby master | Feature | Open   | Custom exception formatting should override `Exception#full_message`.  |                            | 12/15/2021 08:49 PM |
| 12084 | Ruby master | Feature | Open   | `Class#instance`   |                            | 12/14/2021 08:52 PM |
| 15192 | Ruby master | Feature | Open   | Introduce a new "shortcut assigning" syntax to convenient setup instance variables   | matz (Yukihiro Matsumoto)  | 12/14/2021 06:42 PM |
| 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                           |                            | 12/13/2021 12:43 AM |
| 18401 | Ruby master | Feature | Open   | Rework `require_relative` to add the "current path" on `\$LOAD_PATH`   |                            | 12/09/2021 05:41 PM |
| 18395 | Ruby master | Feature | Open   | Introduce Array#subtract! for performance  |                            | 12/08/2021 04:42 PM |
| 18033 | Ruby master | Feature | Open   | Time.new to parse a string   |                            | 12/07/2021 02:15 PM |
| 17047 | Ruby master | Feature | Open   | Support parameters for MAIL FROM and RCPT TO   |                            | 12/06/2021 08:16 PM |
| 18275 | Ruby master | Feature | Open   | Add an option to define_method to not capture the surrounding environment  | ko1 (Koichi Sasada)        | 12/03/2021 02:34 PM |
| 18369 | Ruby master | Feature | Open   | users.detect(:name, "Dorian") as shorthand for users.detect {  user  user.name == "Dorian" }   |                            | 12/03/2021 02:23 PM |
| 6733  | Ruby master | Feature | Open   | New inspect framework  |                            | 11/24/2021 05:06 AM |
| 18360 | Ruby master | Feature | Open   | PrettyPrint enhancements   |                            | 11/24/2021 12:15 AM |
| 18357 | Ruby master | Feature | Open   | Proposal: stop raising when block passed to IO#each_* closes the IO  |                            | 11/22/2021 09:03 PM |
| 18262 | Ruby master | Feature | Open   | Enumerator::Lazy#partition   |                            | 11/20/2021 10:17 AM |
| 16252 | Ruby master | Feature | Open   | Hash#partition should return hashes  |                            | 11/18/2021 03:54 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 |
| 18331 | Ruby master | Feature | Open   | Kernel.#Time   |                            | 11/13/2021 12:41 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 |
| 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 |
| 15667 | Ruby master | Feature | Open   | Introduce malloc_trim(0) in full gc cycles   |                            | 11/01/2021 07:32 AM |
| 18137 | Ruby master | Feature | Open   | A new method to check Proc is isolated or not  |                            | 10/27/2021 07:30 AM |
| 18265 | Ruby master | Feature | Open   | Self-contained one-binary feature which discuss on ruby kaigi 2021 day 2, Ruby Committers vs the World / CRuby Committers  |                            | 10/24/2021 04:11 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 |
| 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 |
| 18242 | Ruby master | Feature | Open   | Parser makes multiple assignment sad in confusing way  |                            | 10/09/2021 07:58 AM |
| 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 |

| #     | Project     | Tracker | Status   | Subject  | Assignee            | Updated             |
|-------|-------------|---------|----------|--|---------------------|---------------------|
| 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 |
| 17295 | Ruby master | Feature | Assigned | Feature: Create a directory and file with Pathname#touch                     | akr (Akira Tanaka)  | 09/28/2021 01:20 AM |

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