Issues

#	Project	Tracker	Status	Subject	Assignee	Updated
20864	Ruby	Feature	Open	Allow `Kernel#warn` to accept `**options` and pass these to `Warning.warn`.		11/08/2024 12:26 PM
20298	Ruby	Feature	Open	Introduce `Time()` type-cast / constructor.		03/12/2024 05:38 PM
20282	Ruby	Feature	Open	Enhancing Ruby's Coverage with Per-Test Coverage Reports		02/20/2024 08:09 PM
20215	Ruby	Feature	Open	Introduce `IO#readable?`		04/22/2024 04:08 AM
19742	Ruby	Feature	Open	Introduce `Module#anonymous?`		03/12/2024 07:54 AM
19717	Ruby	Feature	Open	`ConditionVariable#signal` is not fair when the wakeup is consistently spurious.		01/10/2024 10:32 AM
19607	Ruby	Feature	Open	Introduce `Hash#symbolize_keys`.		04/21/2023 03:39 PM
19452	Ruby	Feature	Open	`Thread::Backtrace::Location` should have column information if possible.		05/23/2023 05:04 PM
19451	Ruby	Feature	Open	Extract path and line number from SyntaxError?		03/07/2023 05:33 AM
19421	Ruby	Misc	Open	Distribution documentation		02/13/2023 08:17 AM
19333	Ruby	Feature	Open	Setting (Fiber Local|Thread Local|Fiber Storage) to nil should delete value in order to avoid memory leaks.		12/28/2023 08:55 AM
19306	Ruby	Feature	Open	Expand zlib interface		02/13/2023 12:19 AM
19019	Ruby	Feature	Open	Nicely formatted exception messages in HTML		09/26/2022 09:19 PM
18083	Ruby	Feature	Open	Capture error in ensure block.		12/15/2023 09:41 PM
18035	Ruby	Feature	Open	Introduce general model/semantic for immutability.		04/10/2025 10:23 PM
15456	Ruby	Feature	Open	Adopt some kind of consistent versioning mechanism		02/07/2019 06:26 PM
14771	Ruby	Feature	Open	Add method to create DNS resource from data string		05/17/2018 10:43 PM
13626	Ruby	Feature	Open	Add String#byteslice!		08/27/2022 11:16 AM
21166	Ruby	Bug	Assigned	Fiber Scheduler is unable to be interrupted by `IO#close`.	ioquatix (Samuel Williams)	05/13/2025 01:54 PM
20105	Ruby	Feature	Assigned	Introduce `IO::Stream` or something similar.	ioquatix (Samuel Williams)	04/03/2024 03:50 AM
19077	Ruby	Feature	Assigned	Introduce `Hash#dup` copy on write.	ioquatix (Samuel Williams)	04/03/2024 03:50 AM
19057	Ruby	Feature	Assigned	Hide implementation of `rb_io_t`.	ioquatix (Samuel Williams)	01/06/2025 06:14 AM
18455	Ruby	Bug	Assigned	`IO#close` has poor performance and difficult to understand semantics.	ioquatix (Samuel Williams)	09/20/2024 12:27 AM
18227	Ruby	Feature	Assigned	Static class initialization.	ioquatix (Samuel Williams)	04/03/2024 03:50 AM
14681	Ruby	Bug	Assigned	`syswrite': stream closed in another thread (IOError)	ioquatix (Samuel Williams)	09/20/2024 12:27 AM
21211	Ruby	Bug	Closed	Incomplete Backtrace for Socket Errors in Ruby 3.4+	shioimm (Misaki Shioi)	04/14/2025 07:21 AM
21095	Ruby	Bug	Closed	Prefer `uname -n` over `hostname` in tests.		03/08/2025 09:20 AM
21038	Ruby	Bug	Closed	Preserve `errno` in `rb_fiber_scheduler_unblock`		02/14/2025 05:09 AM
20907	Ruby	Bug	Closed	Fiber scheduler does not correctly re-lock mutex if `Mutex#sleep` is interrupted.	ioquatix (Samuel Williams)	01/15/2025 01:48 AM
20902	Ruby	Feature	Closed	Allow `IO::Buffer#copy` to release the GVL.		11/20/2024 09:19 AM
20877	Ruby	Feature	Closed	Introduce (public) debug assertion for holding the GVL.		04/14/2025 09:28 AM

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20876	Ruby	Feature	Closed	Introduce `Fiber::Scheduler#blocking_operation_wait` to avoid stalling the event loop.		11/20/2024 06:40 AM
20863	Ruby	Bug	Closed	`zlib.c` calls `rb_str_set_len` and `rb_str_modify_expand`(and others) without holding the GVL.		11/20/2024 09:02 PM
20855	Ruby	Feature	Closed	Introduce `Fiber::Scheduler#blocking_region` to avoid stalling the event loop.		11/06/2024 09:25 PM
20723	Ruby	Bug	Closed	`IO#close` is broken on Ruby 3.3+ when using the Fiber scheduler.	kjtsanaktsidis (KJ Tsanaktsidis)	11/04/2024 10:23 PM
20414	Ruby	Bug	Closed	`Fiber#raise` should recurse to `resumed_fiber` rather than failing.	ioquatix (Samuel Williams)	07/20/2024 03:57 AM
20413	Ruby	Bug	Closed	Enumerator can block fiber scheduler.	ioquatix (Samuel Williams)	07/06/2024 02:24 AM
20393	Ruby	Bug	Closed	`after_fork_ruby` clears all pending interrupts for both parent and child process.	ioquatix (Samuel Williams)	07/06/2024 06:35 AM
20288	Ruby	Bug	Closed	`rb_fiber_scheduler_close` exceptions are not handled in `rb_fiber_scheduler_set`.	ioquatix (Samuel Williams)	07/06/2024 06:36 AM
20286	Ruby	Bug	Closed	TracePoint does not emit `thread_end` event when thread exits with exception	ioquatix (Samuel Williams)	07/06/2024 06:35 AM
20279	Ruby	Misc	Closed	Is the implementation of `respond_to_missing?` in BasicObject documentation correct?		03/19/2024 02:17 PM
20231	Ruby	Bug	Closed	Don't wait in io_binwrite_string if not necessary.	ioquatix (Samuel Williams)	04/01/2024 08:17 AM
20102	Ruby	Feature	Closed	Introduce `Fiber#resuming?`	ioquatix (Samuel Williams)	04/07/2024 02:24 PM
20086	Ruby	Bug	Closed	Windows memory mapped file `IO::Buffer` is buggy.		01/30/2024 02:09 AM
20042	Ruby	Bug	Closed	ObjectSpace finalizer can cause segfault	ko1 (Koichi Sasada)	01/18/2024 03:20 AM
19845	Ruby	Bug	Closed	`Fiber[key] = value` fails if key is not interned.		09/30/2023 07:09 AM
19738	Ruby	Bug	Closed	`ObjectSpace.each_object.to_a` crashes in `make runirb`.		12/26/2023 01:19 PM
19709	Ruby	Bug	Closed	`Thread.join(timeout)` hangs in fiber scheduler.	ioquatix (Samuel Williams)	07/22/2023 04:26 AM
19642	Ruby	Feature	Closed	Remove vectored read/write from `io.c`.	ioquatix (Samuel Williams)	11/20/2023 08:59 AM
19640	Ruby	Bug	Closed	`IO#puts` can generate zero length iov which can cause rb_bug crash.		07/22/2023 04:26 AM
19546	Ruby	Bug	Closed	IO::Buffer is incorrectly invoking fiber scheduler interface.	ioquatix (Samuel Williams)	07/16/2023 08:10 AM
19521	Ruby	Feature	Closed	Support for `Module#name=` and `Class#name=`.		07/02/2023 03:21 AM
19480	Ruby	Bug	Closed	invalid keeping_mutexes: Attempt to unlock a mutex which is not locked with fiber scheduler.	ioquatix (Samuel Williams)	03/07/2023 07:34 PM
19466	Ruby	Feature	Closed	Class.new takes a block, why doesn't Module.new take a block?		02/25/2023 03:14 AM
19461	Ruby	Bug	Closed	Time.local performance tanks in forked process (on macOS only?)		02/02/2024 10:36 AM
19453	Ruby	Feature	Closed	Move `Fiber.current` into core.	ioquatix (Samuel Williams)	02/24/2023 09:25 PM
19450	Ruby	Feature	Closed	Is there an official way to set a class name without setting a constant?		03/09/2023 09:01 AM
19389	Ruby	Bug	Closed	StringIO gets(..., chomp: true) behaves differently to File/IO.		03/21/2023 11:19 AM
19360	Ruby	Bug	Closed	Enabling coverage with `-r` option isn't sufficient to intercept top level script.	ioquatix (Samuel Williams)	01/25/2023 10:39 PM
19135	Ruby	Feature	Closed	Support `UNIXSocket` on Windows		12/14/2022 02:29 AM
19101	Ruby	Bug	Closed	madvise(free) was broken in 3.1?	ioquatix (Samuel Williams)	11/07/2022 08:51 PM
19094	Ruby	Feature	Closed	`sleep(nil)` vs `sleep()` and replicating the default implementation.	ioquatix (Samuel Williams)	03/10/2023 03:40 AM
19078	Ruby	Feature	Closed	Introduce `Fiber#storage` for inheritable fiber-scoped variables.	ioquatix (Samuel Williams)	12/21/2022 01:41 PM

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19062	Ruby	Feature	Closed	Introduce `Fiber#locals` for shared inheritable state.	ioquatix (Samuel Williams)	10/20/2022 12:09 PM
19060	Ruby	Feature	Closed	Introduce `Fiber::Scheduler#io_select` for non-blocking `IO.select`.	ioquatix (Samuel Williams)	10/15/2022 07:04 AM
19059	Ruby	Feature	Closed	Introduce top level `module TimeoutError` for aggregating various timeout error classes.	matz (Yukihiro Matsumoto)	03/02/2025 10:20 PM
19058	Ruby	Feature	Closed	Introduce `Fiber.inheritable` attributes/variables for dealing with shared state.	ioquatix (Samuel Williams)	10/22/2022 09:40 PM
19056	Ruby	Feature	Closed	Introduce `Fiber.annotation` for attaching messages to fibers.	ioquatix (Samuel Williams)	04/11/2024 03:34 AM
19026	Ruby	Bug	Closed	Add `Coverage.supported?(x)` to detect support for `eval` coverage flag.		09/28/2022 08:46 PM
19008	Ruby	Feature	Closed	Introduce coverage support for `eval`.	ioquatix (Samuel Williams)	09/28/2022 08:47 PM
18886	Ruby	Bug	Closed	Struct aref and aset don't trigger any tracepoints.	ko1 (Koichi Sasada)	12/07/2023 06:29 PM
18810	Ruby	Bug	Closed	Make `Kernel#p` interruptable.	ioquatix (Samuel Williams)	08/30/2023 08:21 PM
18782	Ruby	Bug	Closed	Race conditions in autoload when loading the same feature with multiple threads.	ioquatix (Samuel Williams)	09/20/2022 10:01 PM
18663	Ruby	Bug	Closed	Autoload doesn't work with fiber context switch.		05/07/2022 10:24 PM
18630	Ruby	Feature	Closed	Introduce general `IO#timeout` and `IO#timeout=` for blocking operations.	ioquatix (Samuel Williams)	10/08/2022 07:34 AM
18465	Ruby	Bug	Closed	Make `IO#write` atomic.	ioquatix (Samuel Williams)	05/30/2022 03:19 AM
18443	Ruby	Bug	Closed	IO read/write/wait hook bug fixes.		02/01/2022 12:56 PM
18411	Ruby	Feature	Closed	Introduce `Fiber.blocking` for disabling scheduler.	ioquatix (Samuel Williams)	10/08/2022 07:34 AM
18389	Ruby	Bug	Closed	`binding.irb` can fail in some classes that implement `context` and `print` methods.	aycabta (aycabta .)	01/26/2022 04:29 PM
18363	Ruby	Bug	Closed	`make clean` should consistently handle generated files otherwise it can break the build.		11/25/2021 11:55 AM
18296	Ruby	Feature	Closed	Custom exception formatting should override `Exception#full_message`.		09/23/2022 07:42 AM
18258	Ruby	Feature	Closed	Ractor.shareable? can be slow and mutates internal object flags.	ko1 (Koichi Sasada)	05/14/2023 04:44 AM
18194	Ruby	Feature	Closed	No easy way to format exception messages per thread/fiber scheduler context.	mame (Yusuke Endoh)	09/23/2022 07:38 AM
18189	Ruby	Bug	Closed	`rb_cString` can be NULL during `Init_Object`		09/27/2021 03:48 AM
18084	Ruby	Bug	Closed	`JSON.dump` can crash VM.		08/18/2021 09:18 AM
18048	Ruby	Bug	Closed	Thread#join can break with fiber scheduler unblock fails or blocks.		09/27/2021 10:06 PM
18036	Ruby	Bug	Closed	Pthread fibers become invalid on fork - different from normal fibers.	ioquatix (Samuel Williams)	08/25/2023 12:01 AM
18020	Ruby	Feature	Closed	Introduce `IO::Buffer` for fiber scheduler.		11/10/2021 12:23 PM
18015	Ruby	Feature	Closed	Replace copy coroutine with pthread implementation.	ioquatix (Samuel Williams)	07/01/2021 03:41 AM
18005	Ruby	Feature	Closed	Enable non-blocking `binding.irb`.	ioquatix (Samuel Williams)	10/08/2022 07:53 AM
18003	Ruby	Bug	Closed	Rework internal IO to directly invoke scheduler with IO object.	ioquatix (Samuel Williams)	11/15/2022 12:31 PM
17827	Ruby	Bug	Closed	Monitor is not fiber safe	Eregon (Benoit Daloze)	11/05/2022 05:24 PM
17470	Ruby	Feature	Closed	Introduce non-blocking `Timeout.timeout`	ioquatix (Samuel Williams)	03/30/2021 05:38 AM
17370	Ruby	Feature	Closed	Introduce non-blocking `Addrinfo.getaddrinfo` and related methods.	ioquatix (Samuel Williams)	05/28/2022 02:47 AM
17369	Ruby	Feature	Closed	Introduce non-blocking `Process.wait`, `Kernel.system` and related methods.	ioquatix (Samuel Williams)	10/21/2021 07:50 AM
17050	Ruby	Misc	Closed	profiler gem	hsbt (Hiroshi SHIBATA)	09/02/2020 06:14 AM

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16908	Ruby	Bug	Closed	Strange behaviour of Hash#shift when used with `default_proc`.	jeremyevans0 (Jeremy Evans)	01/15/2022 01:39 AM
16815	Ruby	Feature	Closed	Implement Fiber#backtrace	ioquatix (Samuel Williams)	08/17/2020 12:56 PM
16802	Ruby	Misc	Closed	Prefer use of RHS assigment in documentation	ioquatix (Samuel Williams)	05/21/2020 08:31 PM
16786	Ruby	Feature	Closed	Light-weight scheduler for improved concurrency.	ioquatix (Samuel Williams)	12/06/2020 06:36 AM
16782	Ruby	Bug	Closed	`lock': deadlock; recursive locking (ThreadError) in 2.7.1	ko1 (Koichi Sasada)	06/08/2021 10:37 PM
16459	Ruby	Bug	Closed	<internal:trace_point>:346: [BUG] Segmentation fault at 0x0000000000000008	ko1 (Koichi Sasada)	03/13/2020 12:08 PM
16009	Ruby	Bug	Closed	Performance regression in 2.7	ko1 (Koichi Sasada)	07/18/2019 08:47 AM
15997	Ruby	Feature	Closed	Improve performance of fiber creation by using pool allocation strategy.	ko1 (Koichi Sasada)	07/28/2019 02:34 AM
15894	Ruby	Feature	Closed	Remove support for IA64	ioquatix (Samuel Williams)	06/19/2019 11:34 AM
15634	Ruby	Bug	Closed	TracePoint seems to be skipping some methods.		06/19/2021 05:37 AM
15572	Ruby	Bug	Closed	`RubyVM::InstructionSequence` doesn't work with `extend`.		06/12/2019 10:44 PM
15560	Ruby	Feature	Closed	Add support for read/write offsets.	ioquatix (Samuel Williams)	10/15/2022 12:52 AM
15417	Ruby	Bug	Closed	Pathname case insensitive comparison		09/02/2020 05:38 PM
14889	Ruby	Bug	Closed	TracePoint for :line never seems to trigger on argument list. Maybe by design?		06/19/2021 02:06 AM
14888	Ruby	Feature	Closed	Add trace point for eval (and related functions)	ko1 (Koichi Sasada)	12/21/2018 10:39 AM
14880	Ruby	Bug	Closed	Time#localtime doesn't always seem to respect TZ		01/10/2019 02:47 PM
14879	Ruby	Bug	Closed	Time#+ and Time#- do not preserve receiver's utc_offset if ENV['TZ'] is modified after receiver is created		08/13/2019 05:27 AM
14739	Ruby	Feature	Closed	Improve fiber yield/resume performance	ioquatix (Samuel Williams)	12/11/2018 11:55 PM
14736	Ruby	Feature	Closed	Thread selector for flexible cooperative fiber based concurrency		04/15/2020 12:47 AM
14713	Ruby	Bug	Closed	<internal:prelude>:132:in `__write_nonblock': Protocol wrong type for socket (Errno::EPROTOTYPE)		07/02/2018 09:15 AM
13781	Ruby	Bug	Closed	Should the safe navigation operator invoke `nil?`		11/22/2017 09:44 AM
12517	Ruby	Bug	Closed	def_delegators broken on ruby-head?		08/16/2016 12:14 PM
12039	Ruby	Feature	Closed	Fixnum#infinite?/Bignum#infinite or Numeric#infinte, consistent with Float#infinite? and BigDecimal#infinite?	mrkn (Kenta Murata)	10/03/2016 02:11 AM
19857	Ruby	Bug	Rejected	Eval coverage is reset after each `eval`.	ioquatix (Samuel Williams)	07/03/2024 10:22 PM
19520	Ruby	Feature	Rejected	Support for `Module.new(name)` and `Class.new(superclass, name)`.		06/08/2023 06:58 AM
17107	Ruby	Bug	Rejected	Backtick in backtrace is a little bit annoying		08/08/2020 04:47 AM
16602	Ruby	Feature	Rejected	Add support for `frozen_string_literals` to eval.		02/02/2020 11:05 AM
16026	Ruby	Bug	Rejected	`Set#count` performance issues	knu (Akinori MUSHA)	09/06/2019 11:06 PM
15567	Ruby	Feature	Rejected	Allow ensure to match specific situations	ioquatix (Samuel Williams)	08/18/2021 03:00 AM
14975	Ruby	Feature	Rejected	String#append without changing receiver's encoding	ioquatix (Samuel Williams)	12/21/2021 07:22 PM

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13593	Ruby	Bug	Rejected	Addrinfo#== behaves oddly		09/19/2019 05:20 AM
13409	Ruby	Bug	Rejected	UDPSocket#send breaks when using sockaddr		04/11/2017 06:13 AM
13407	Ruby	Bug	Rejected	We have recv_nonblock but not send_nonblock... can we add it?	akr (Akira Tanaka)	07/14/2019 08:10 AM
12931	Ruby	Feature	Rejected	Add support for Binding#instance_eval		01/19/2017 07:22 AM
12886	Ruby	Feature	Rejected	URI#merge doesn't handle paths correctly		04/27/2017 11:47 AM
12827	Ruby	Bug	Rejected	Add Boolean data type.		10/11/2016 02:31 AM
12461	Ruby	Feature	Rejected	Hash & keys to make subset.		08/04/2016 07:55 AM
11975	Ruby	Bug	Rejected	Range#last is not consistent and possibly does not do what is expected.		01/12/2016 09:38 AM
16962	Ruby	Feature	Feedback	Make IO.for_fd autoclose option default to false		06/17/2021 06:54 AM
15344	Ruby	Feature	Feedback	Being proactive about Ruby security		12/23/2021 11:40 PM
15269	Ruby	Bug	Third Party's Issue	Process.setproctitle has odd behaviour on Mac OS X		10/30/2018 09:19 PM