

## Issues

#	Project	Tracker	Status	Subject	Assignee	Updated
21255	Ruby	Bug	Assigned	Can't build Ruby with Windows SDK 10.0.26100	windows	04/08/2025 10:43 AM
20959	Ruby	Feature	Assigned	Add a way to get codepage of console.	windows	03/27/2025 01:15 AM
19383	Ruby	Bug	Assigned	Time.now.zone encoding for German display language in Windows is incorrect	windows	10/20/2024 03:19 PM
19378	Ruby	Bug	Assigned	Windows: Use less syscalls for faster require of big gems	windows	03/01/2023 10:12 PM
14640	Ruby	Bug	Assigned	[win32] File.realpath treats a relative path with a drive letter as an absolute path.	windows	04/03/2024 03:50 AM
12656	Ruby	Feature	Assigned	Expand short paths with File.expand_path	windows	01/31/2018 02:31 PM
12040	Ruby	Bug	Assigned	[Win32] File.stat fails on a mounted volume	windows	02/01/2016 08:13 AM
11438	Ruby	Bug	Assigned	native_thread_init_stack() get machine.stack_start unequal to thread's stack start address, x86 win32	windows	04/03/2024 03:50 AM
10128	Ruby	Bug	Assigned	Quoting problem for arguments of Kernel.system, Kernel.exec on Windows	windows	04/03/2024 03:50 AM
8083	Ruby	Feature	Assigned	Exit status is limited to one-byte values which is invalid for Windows	windows	03/14/2013 08:26 PM
7968	Ruby	Bug	Assigned	Poor UDPSocket#send performance in ruby 2.0.0 on windows	windows	11/16/2023 01:24 PM
1644	Ruby	Feature	Assigned	recv on inherited socket wrapped in TCPSocket does not read data, on Windows	windows	12/10/2020 08:45 AM
17882	Ruby	Bug	Assigned	bootstrapstest/test_ractor.rb:224 segfaults on Cygwin	cygwin	05/19/2022 08:20 AM
15334	Ruby	Bug	Assigned	child_info_fork::abort: address space needed by 'emoji_iso2022_kddi.so' on cygwin	cygwin	04/03/2024 03:50 AM
15097	Ruby	Bug	Assigned	Gem install fails on Ruby 2.5.1 with Cygwin (get_dns_server_list undefined)	cygwin	04/03/2024 03:50 AM
13999	Ruby	Bug	Assigned	Cygwin ripper_state_lex.rb	cygwin	05/19/2022 08:20 AM
12506	Ruby	Bug	Assigned	On cygwin, Feature #5994 does not work	cygwin	05/19/2022 08:20 AM
12445	Ruby	Bug	Assigned	Testing TestIO#test_open_fifo_does_not_block_other_threads results in deadlock on cygwin	cygwin	05/19/2022 08:20 AM
12444	Ruby	Bug	Assigned	Segmentation fault when running TestException#test_machine_stackoverflow on cygwin	cygwin	05/19/2022 08:20 AM
12442	Ruby	Bug	Assigned	TestArgf#test_textmode fails on cygwin	cygwin	05/19/2022 08:20 AM
11840	Ruby	Bug	Assigned	Error with "make check" on Cygwin	cygwin	04/03/2024 03:50 AM
9409	Ruby	Bug	Assigned	Cygwin "filesystem" encoding	cygwin	04/03/2024 03:50 AM
21266	Ruby	Bug	Assigned	YJIT GC safety crash with proc objects as block argument	jit	05/12/2025 11:16 PM
20727	Ruby	Bug	Assigned	YJIT segmentation fault inside of invalidate_block_version	jit	02/18/2025 04:29 PM
19325	Ruby	Feature	Assigned	YJIT: Windows support lacking.	jit	08/03/2023 02:27 PM
18439	Ruby	Feature	Assigned	YJIT: Support Microsoft x86 calling convention	jit	12/20/2024 03:42 PM
21345	Ruby	Bug	Open	crash on evaluating 'a=>a,*'	prism	05/16/2025 06:47 PM
21337	Ruby	Bug	Open	Using `not` on the RHS of a logical operator becomes valid syntax with Prism	prism	05/14/2025 07:03 AM
21326	Ruby	Bug	Assigned	Instruction generation differences between parse.y and prism for `def a(x, ...); b(...); end`	prism	05/12/2025 11:16 PM
21313	Ruby	Bug	Assigned	`it` in rescue/ensure on prism	prism	05/16/2025 05:03 AM

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21259	Ruby	Bug	Assigned	The Prism compiler wrongly creates a line number of zero	prism	04/09/2025 11:04 AM
21256	Ruby	Bug	Assigned	`it` value is wrapped in an array when that doesn't happen with numbered parameter	prism	04/13/2025 01:29 PM
21188	Ruby	Bug	Assigned	PRISM does not end reading from tty with ^D twice	prism	03/27/2025 01:15 AM
21187	Ruby	Bug	Assigned	Strings concatenated with `` getting frozen with literal hashes (PRISM only)	prism	05/12/2025 11:16 PM
21168	Ruby	Bug	Assigned	Prism doesn't require argument parentheses (in some cases) when a block is present but parse.y does	prism	03/27/2025 01:15 AM
21139	Ruby	Bug	Assigned	Prism and parse.y parses `it = it` differently	prism	03/27/2025 01:15 AM
21020	Ruby	Feature	Assigned	Sync sig directory for prism of default gem.	prism	02/13/2025 06:13 PM
20776	Ruby	Bug	Assigned	[PRISM] Pattern matching syntax error message	prism	11/13/2024 05:16 AM
20238	Ruby	Misc	Assigned	Use prism for mk_builtin_loader.rb	prism	11/13/2024 05:16 AM
21315	Ruby	Bug	Assigned	Finalizers violate the `rb_ractor_confirm_belonging` assertion	ractor	05/15/2025 07:40 PM
21208	Ruby	Bug	Assigned	`Ractor#send(move: true)` allow moving objects that are on the stack, and used by C code.	ractor	05/12/2025 11:16 PM
21200	Ruby	Bug	Assigned	Ractor spuriously hangs, segfaults or errors on TestEtc#test_ractor_parallel	ractor	05/12/2025 11:16 PM
21158	Ruby	Bug	Assigned	Ractor using 'receive_if' sits in busy wait when there are skipped messages in the incoming queue	ractor	05/12/2025 11:16 PM
21146	Ruby	Bug	Assigned	VM_ASSERT(expr) gives bad bug report results when another ractor fails an assertion during printing of report	ractor	05/12/2025 11:16 PM
21108	Ruby	Bug	Assigned	C-c (SIGINT) crashes ruby when looping Ractors are not taken?	ractor	05/12/2025 11:16 PM
21090	Ruby	Bug	Assigned	SEGV from require in Thread in Ractor	ractor	05/12/2025 11:16 PM
21007	Ruby	Bug	Assigned	Ractor scheduler issue when multiple threads in a ractor	ractor	05/12/2025 11:16 PM
20905	Ruby	Bug	Assigned	Ruby VM hangs while using ractors	ractor	05/13/2025 02:47 PM
20473	Ruby	Bug	Assigned	Ractor array/hash literals	ractor	05/12/2025 11:16 PM
20472	Ruby	Bug	Assigned	Ractor support for ** into hash literal	ractor	05/08/2025 10:38 PM
20346	Ruby	Bug	Assigned	FiberScheduler.unblock not called by Thread#join when Thread body contains Ractor.take	ractor	05/12/2025 11:16 PM
20167	Ruby	Bug	Assigned	Code execution isn't recorded in Ractor	ractor	05/12/2025 11:16 PM
20158	Ruby	Bug	Assigned	Ractor affects Coverage results	ractor	05/08/2025 10:38 PM
20146	Ruby	Bug	Assigned	Code using Ractor with env `RUBY_MAX_CPU=1` ends with unreachable	ractor	05/08/2025 10:38 PM
20112	Ruby	Bug	Assigned	Ractors not working properly in ruby 3.3.0	ractor	05/08/2025 10:38 PM
19981	Ruby	Bug	Assigned	bootstraptest/test_ractor.rb: Segmentation fault on arm32	ractor	05/12/2025 11:16 PM
19410	Ruby	Bug	Assigned	If move from ractor fails with error, some objects are left in broken state	ractor	05/08/2025 10:38 PM
19407	Ruby	Bug	Assigned	2 threads taking from current ractor will hang forever	ractor	05/08/2025 10:38 PM
19387	Ruby	Bug	Assigned	Issue with ObjectSpace.each_objects not returning objects after starting a ractor	ractor	05/09/2025 04:50 AM
19369	Ruby	Bug	Assigned	Small corner-case issue that breaks Ractor isolation: change cloned object from another thread	ractor	05/08/2025 10:38 PM

#	Project	Tracker	Status	Subject	Assignee	Updated
19364	Ruby	Bug	Assigned	Issue with tracepoint enable/disable across ractors	ractor	05/08/2025 10:38 PM
19154	Ruby	Bug	Assigned	Specify require and autoload guarantees in ractors	ractor	05/08/2025 10:38 PM
19112	Ruby	Bug	Assigned	Ractor garbage collection breaks/disables all active tracepoints	ractor	05/12/2025 11:16 PM
18940	Ruby	Bug	Assigned	Ruby Ractor fails with IOError when handling higher concurrency	ractor	05/08/2025 10:38 PM
18733	Ruby	Bug	Assigned	Ruby GC problems cause performance issue with Ractor	ractor	05/12/2025 11:16 PM
17878	Ruby	Bug	Assigned	bootstrapstest/test_ractor.rb:224 a random failing test with "The outgoing-port is already closed (Ractor::ClosedError)"	ractor	05/08/2025 10:38 PM
17617	Ruby	Bug	Assigned	When a Ractor's incoming port is closed, Ractor.receive_if does not raise Ractor::ClosedError, but instead blocks indefinitely	ractor	05/08/2025 10:38 PM
17516	Ruby	Bug	Assigned	forking in a ractor causes Ruby to crash	ractor	05/08/2025 10:38 PM
17359	Ruby	Bug	Assigned	Ractor copy mode is not Ractor-safe	ractor	05/08/2025 10:38 PM
18450	Ruby	Feature	Assigned	Force break in prettyprint	akr (Akira Tanaka)	12/29/2021 02:02 PM
17473	Ruby	Feature	Assigned	Make Pathname to embedded class of Ruby	akr (Akira Tanaka)	04/03/2024 03:50 AM
17173	Ruby	Feature	Assigned	open-uri ☐ ciphers ☐☐☐☐☐☐	akr (Akira Tanaka)	04/03/2024 03:50 AM
17154	Ruby	Misc	Assigned	Update Pathname Documentation to Clarify Expected Behavior	akr (Akira Tanaka)	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
16937	Ruby	Feature	Assigned	Add DNS over HTTP to Resolv	akr (Akira Tanaka)	12/10/2020 09:15 AM
13385	Ruby	Feature	Assigned	[PATCH] Make Resolv::DNS::Name validation similar to host and dig commands	akr (Akira Tanaka)	04/03/2024 03:50 AM
13047	Ruby	Feature	Assigned	Use String literal instead of `String#+` for multiline pretty-printing of multiline strings	akr (Akira Tanaka)	02/22/2017 07:09 AM
12497	Ruby	Feature	Assigned	GMP version of divmod may be slower	akr (Akira Tanaka)	08/10/2016 03:11 AM
11312	Ruby	Feature	Assigned	Add Resolv::DNS::Resource::IN::SPF	akr (Akira Tanaka)	04/03/2024 03:50 AM
10637	Ruby	Feature	Assigned	Puppet orchestration on vagrant fails with Error: Non-HTTP proxy URI	akr (Akira Tanaka)	09/23/2020 10:23 PM
10129	Ruby	Feature	Assigned	More descriptive error message for failed net/http requests	akr (Akira Tanaka)	01/05/2018 09:01 PM
8445	Ruby	Bug	Assigned	IO.open and IO#set_encoding does not support :fallback option	akr (Akira Tanaka)	11/13/2023 07:29 PM
7412	Ruby	Feature	Assigned	Pathname#relative_path_from does not support mixed directory separators on windows	akr (Akira Tanaka)	01/05/2018 09:00 PM
7362	Ruby	Feature	Assigned	Adding Pathname#start_with?	akr (Akira Tanaka)	12/25/2017 06:15 PM
3608	Ruby	Feature	Assigned	Enhancing Pathname#each_child to be lazy	akr (Akira Tanaka)	12/25/2017 06:14 PM
14917	Ruby	Misc	Assigned	Add RDoc documents to tar ball	aycabta (aycabta .)	07/21/2018 09:29 AM
20261	Ruby	Feature	Assigned	Add symbol synonyms for " and nil for IO method line separator arguments	burdettelamar (Burdette Lamar)	04/03/2024 03:50 AM
21275	Ruby	Feature	Assigned	Update to Unicode 17.0	duerst (Martin Dürst)	05/12/2025 11:16 PM
19317	Ruby	Feature	Assigned	Unicode ICU Full case mapping	duerst (Martin Dürst)	01/08/2023 01:54 PM
18601	Ruby	Bug	Assigned	Invalid byte sequences in Big5 encodings	duerst (Martin Dürst)	04/03/2024 03:50 AM
18337	Ruby	Bug	Assigned	Ruby allows zero-width characters in identifiers	duerst (Martin Dürst)	11/24/2021 09:13 AM
17400	Ruby	Bug	Assigned	Incorrect character downcase for Greek Sigma	duerst (Martin Dürst)	04/03/2024 03:50 AM

#	Project	Tracker	Status	Subject	Assignee	Updated
13671	Ruby	Bug	Assigned	Regex with lookbehind and case-insensitivity raises RegexpError only on strings with certain characters	duerst (Martin Dürst)	01/06/2023 01:59 PM
7742	Ruby	Bug	Assigned	System encoding (Windows-1258) is not recognized by Ruby to convert back to UTF-8	duerst (Martin Dürst)	04/03/2024 03:50 AM
6351	Ruby	Bug	Assigned	transcode table generator does not support multi characters of Unicode	duerst (Martin Dürst)	11/13/2023 06:35 PM
21204	Ruby	Bug	Assigned	`TestEtc#test_ractor_parallel` is still flaky result with ModGC/MMTk	eightbitraptor (Matt V-H)	04/02/2025 08:58 AM
8948	Ruby	Feature	Assigned	Frozen regex	Eregon (Benoit Daloz)	03/10/2023 12:53 PM
13696	Ruby	Feature	Assigned	Add exchange and noreplace options to File.rename	Glass_saga (Masaki Matsushita)	04/03/2024 03:50 AM
7148	Ruby	Feature	Assigned	Improved Tempfile w/o DelegateClass	Glass_saga (Masaki Matsushita)	03/27/2019 09:51 AM
2631	Ruby	Feature	Assigned	Allow IO#reopen to take a block	Glass_saga (Masaki Matsushita)	05/24/2018 01:22 PM
21312	Ruby	Bug	Assigned	ruby 3.5-dev installs a gemspec for rdoc that misses dependencies	hsbt (Hiroshi SHIBATA)	05/06/2025 11:50 PM
21277	Ruby	Feature	Assigned	Windows ARM support	hsbt (Hiroshi SHIBATA)	05/12/2025 11:16 PM
21258	Ruby	Feature	Assigned	Retire CGI library from Ruby 3.5	hsbt (Hiroshi SHIBATA)	05/12/2025 03:13 PM
20854	Ruby	Bug	Assigned	Some bundled gems are not installed starting with 007c75ce4c66243e41144c6977e5ccbf4ab71c93	hsbt (Hiroshi SHIBATA)	10/31/2024 07:21 AM
20714	Ruby	Bug	Assigned	Handle optional dependencies in `bundled_gems.rb`	hsbt (Hiroshi SHIBATA)	02/20/2025 04:44 PM
20631	Ruby	Bug	Assigned	Build failure with Xcode 16 beta and macOS 15 (Sequoia) Beta	hsbt (Hiroshi SHIBATA)	10/10/2024 04:42 AM
20560	Ruby	Bug	Assigned	make install - skipped bundled gems - minor issue	hsbt (Hiroshi SHIBATA)	09/27/2024 05:30 AM
19984	Ruby	Bug	Assigned	`make test-bundler-parallel` fails with `--enable-shared`	hsbt (Hiroshi SHIBATA)	10/08/2024 11:29 AM
19972	Ruby	Feature	Assigned	Install default/bundled gems into dedicated directories	hsbt (Hiroshi SHIBATA)	11/24/2023 09:46 PM
19422	Ruby	Feature	Assigned	Make `--enabled-shared` mandatory on macOS	hsbt (Hiroshi SHIBATA)	02/22/2024 08:33 AM
17684	Ruby	Feature	Assigned	Remove `--disable-gems` from release version of Ruby	hsbt (Hiroshi SHIBATA)	03/10/2023 11:57 AM
17137	Ruby	Misc	Assigned	Cooperation on maintaining official docker ruby images	hsbt (Hiroshi SHIBATA)	04/03/2023 09:01 AM
16657	Ruby	Feature	Assigned	Don't ship bundled gems as .gem files as well as in expanded form	hsbt (Hiroshi SHIBATA)	07/05/2023 09:21 AM
16512	Ruby	Misc	Assigned	Improving `www.ruby-lang.org` reference by merging with `rubyreferences.github.io`	hsbt (Hiroshi SHIBATA)	05/13/2023 12:59 AM
15550	Ruby	Bug	Assigned	Windows - gem bin files - can't run from bash shell	hsbt (Hiroshi SHIBATA)	03/20/2019 01:05 AM
15487	Ruby	Misc	Assigned	Clarify default gems maintenance policy	hsbt (Hiroshi SHIBATA)	12/30/2018 08:42 PM
14737	Ruby	Feature	Assigned	Split default gems into separate directory structure	hsbt (Hiroshi SHIBATA)	09/02/2020 06:00 PM
13847	Ruby	Feature	Assigned	Gem activated problem for default gems	hsbt (Hiroshi SHIBATA)	11/29/2022 02:05 AM
13508	Ruby	Feature	Assigned	How remove/refactor code related mathn library.	hsbt (Hiroshi SHIBATA)	12/25/2017 06:15 PM
12639	Ruby	Feature	Assigned	Speed up require in RubyGems by 5x	hsbt (Hiroshi SHIBATA)	07/26/2018 02:12 AM
5617	Ruby	Feature	Assigned	Allow install RubyGems into dedicated directory	hsbt (Hiroshi SHIBATA)	05/16/2018 09:15 AM
21270	Ruby	Bug	Assigned	init_fast_fallback_inetsock_internal (default for TCPSocket.new/TCPSocket.open) isn't fiber aware	ioquatix (Samuel Williams)	05/12/2025 11:16 PM
21212	Ruby	Bug	Assigned	IO::Buffer can be freed while its slice is locked	ioquatix (Samuel Williams)	05/12/2025 11:16 PM

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21166	Ruby	Bug	Assigned	Fiber Scheduler is unable to be interrupted by `IO#close`.	ioquatix (Samuel Williams)	05/13/2025 01:54 PM
21042	Ruby	Feature	Assigned	Add and expose Thread#memory_allocations memory allocation counters	ioquatix (Samuel Williams)	05/08/2025 09:07 AM
20155	Ruby	Bug	Assigned	Using value of rb_fiber_scheduler_current() crashes Ruby	ioquatix (Samuel Williams)	01/19/2024 09:45 PM
20105	Ruby	Feature	Assigned	Introduce `IO::Stream` or something similar.	ioquatix (Samuel Williams)	04/03/2024 03:50 AM
20089	Ruby	Bug	Assigned	Fiber#kill transfers to root fiber	ioquatix (Samuel Williams)	09/20/2024 12:27 AM
20082	Ruby	Bug	Assigned	Killing fibers across threads: unexpected exception	ioquatix (Samuel Williams)	04/03/2024 03:50 AM
19122	Ruby	Misc	Assigned	Use MADV_DONTNEED instead of MADV_FREE when freeing a Fiber's stack	ioquatix (Samuel Williams)	03/04/2025 09:10 PM
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
18818	Ruby	Bug	Assigned	Thread waitq does not retain referenced objects, can lead to use after free.	ioquatix (Samuel Williams)	04/03/2024 03:50 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
16833	Ruby	Feature	Assigned	Add Enumerable#empty?	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
18002	Ruby	Bug	Assigned	s390x: Tests failing without LC_ALL env	jaruga (Jun Aruga)	04/03/2024 03:50 AM
17720	Ruby	Misc	Assigned	Cirrus CI to check non-x86_64 architecture cases by own machines	jaruga (Jun Aruga)	09/26/2021 10:24 AM
20045	Ruby	Bug	Assigned	`TestDir#test_home` fails on i686	jemmai (Jemma Issroff)	12/19/2023 05:02 AM
16188	Ruby	Misc	Assigned	What are the performance implications of the new keyword arguments in 2.7 and 3.0?	jeremyevans0 (Jeremy Evans)	04/03/2024 03:50 AM
21111	Ruby	Bug	Assigned	RbConfig::CONFIG['CXX'] quietly set to "false" when Ruby cannot build C++ programs	katei (Yuta Saito)	02/13/2025 08:54 PM
18761	Ruby	Misc	Assigned	provide an example wasm project	katei (Yuta Saito)	04/03/2024 03:50 AM
20387	Ruby	Misc	Assigned	Meta-ticket for ASAN support	kjtsanaktsidis (KJ Tsanaktsidis)	06/02/2024 12:56 AM
21089	Ruby	Bug	Assigned	Missing methods on enumerators created from Enumerator::product and Enumerator::Chain	knu (Akinori MUSHA)	03/27/2025 01:15 AM
19324	Ruby	Feature	Assigned	Enumerator.product => Enumerable#product	knu (Akinori MUSHA)	04/03/2024 03:50 AM
17210	Ruby	Feature	Assigned	More readable and useful `Set#inspect`	knu (Akinori MUSHA)	04/03/2024 03:50 AM
16989	Ruby	Feature	Assigned	Sets: need ♥️	knu (Akinori MUSHA)	04/03/2024 03:50 AM
15281	Ruby	Feature	Assigned	Speed up Set#intersect with size check.	knu (Akinori MUSHA)	08/11/2020 02:43 AM
15240	Ruby	Feature	Assigned	Set operations check for is_a?(Set), rather than allowing duck typing	knu (Akinori MUSHA)	04/03/2024 03:50 AM
13610	Ruby	Feature	Assigned	IPAddr doesn't provide helpful methods to get the subnet or IP address	knu (Akinori MUSHA)	10/20/2017 01:13 AM
11710	Ruby	Feature	Assigned	[PATCH] Replace Set#merge with Set#merge! and make Set#merge non-mutating.	knu (Akinori MUSHA)	04/03/2024 03:50 AM
11527	Ruby	Feature	Assigned	IPAddr#mask_addr isn't a method	knu (Akinori MUSHA)	11/07/2018 04:12 PM
8047	Ruby	Feature	Assigned	IPAddr makes host address with netmask	knu (Akinori MUSHA)	01/05/2018 09:00 PM
3953	Ruby	Feature	Assigned	TCPsocket / UDPSocket do not accept IPAddr objects.	knu (Akinori MUSHA)	12/25/2017 06:14 PM

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21262	Ruby	Feature	Assigned	Proposal: `Ractor::Port`	ko1 (Koichi Sasada)	04/12/2025 05:39 PM
21171	Ruby	Bug	Assigned	Segfault on large stack (RUBY_THREAD_VM_STACK_SIZE) on 3.4.2	ko1 (Koichi Sasada)	03/14/2025 09:59 AM
21039	Ruby	Feature	Assigned	Ractor.make_shareable breaks block semantics (seeing updated captured variables) of existing blocks	ko1 (Koichi Sasada)	03/27/2025 01:15 AM
20948	Ruby	Bug	Assigned	Constant references incorrectly cached in `module (expr)::Foo`	ko1 (Koichi Sasada)	12/14/2024 10:48 PM
20816	Ruby	Bug	Assigned	Potential regression in Ruby 3.3.x (compared with 3.1 and 3.2) regarding fast syscalls and multi-threading.	ko1 (Koichi Sasada)	03/27/2025 01:15 AM
20743	Ruby	Bug	Assigned	ruby doesn't properly split RUBY_DEBUG_LOG_FILTER into items	ko1 (Koichi Sasada)	01/28/2025 12:42 AM
20462	Ruby	Bug	Assigned	Native threads are no longer reused	ko1 (Koichi Sasada)	07/03/2024 12:11 AM
20420	Ruby	Bug	Assigned	benchmark/gc/redblack.rb license clarification	ko1 (Koichi Sasada)	09/20/2024 12:27 AM
19996	Ruby	Bug	Assigned	`RUBY_MN_THREADS=1` triggers Action Cable unit test failures	ko1 (Koichi Sasada)	12/19/2023 06:40 AM
19472	Ruby	Feature	Assigned	Ractor::Selector to wait multiple ractors	ko1 (Koichi Sasada)	01/06/2025 06:15 AM
19368	Ruby	Bug	Assigned	Small issue with isolated procs and eval	ko1 (Koichi Sasada)	01/22/2023 11:26 PM
19326	Ruby	Feature	Assigned	Please add a better API for passing a Proc to a Ractor	ko1 (Koichi Sasada)	12/19/2023 07:21 AM
18919	Ruby	Feature	Assigned	Ractor: can't share #Method objects	ko1 (Koichi Sasada)	05/10/2023 12:27 AM
18814	Ruby	Feature	Assigned	Ractor: add method to query incoming message queue size	ko1 (Koichi Sasada)	09/20/2024 10:19 AM
18740	Ruby	Bug	Assigned	Use of rightward assignment changes line number needed for line-targeted TracePoint	ko1 (Koichi Sasada)	04/03/2024 03:50 AM
18275	Ruby	Feature	Assigned	Add an option to define_method to not capture the surrounding environment	ko1 (Koichi Sasada)	04/03/2024 03:50 AM
17884	Ruby	Feature	Assigned	locindex for profiling tools	ko1 (Koichi Sasada)	04/03/2024 03:50 AM
17679	Ruby	Feature	Assigned	Ractor incoming channel can consume unlimited resources	ko1 (Koichi Sasada)	08/24/2023 09:14 PM
17593	Ruby	Feature	Assigned	load_iseq_eval should override the ISeq path	ko1 (Koichi Sasada)	02/16/2021 08:27 AM
17513	Ruby	Feature	Assigned	Methods of shareable objects and UnboundMethods should be shareable	ko1 (Koichi Sasada)	04/03/2024 03:50 AM
17502	Ruby	Misc	Assigned	C vs Ruby	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
16819	Ruby	Bug	Assigned	Line reporting off by one when reporting line of a hash?	ko1 (Koichi Sasada)	06/16/2020 05:57 PM
16776	Ruby	Bug	Assigned	Regression in coverage library	ko1 (Koichi Sasada)	11/24/2021 07:26 AM
16027	Ruby	Feature	Assigned	Update Ruby's dtrace / USDT API to match what is exposed via the TracePoint API	ko1 (Koichi Sasada)	08/03/2019 02:41 AM
15939	Ruby	Feature	Assigned	Dump symbols reference to their fstr in ObjectSpace.dump()	ko1 (Koichi Sasada)	08/08/2019 09:38 PM
15878	Ruby	Feature	Assigned	Make exit faster by not running GC	ko1 (Koichi Sasada)	07/29/2019 07:48 AM
15854	Ruby	Feature	Assigned	Tracing instance variable assignment	ko1 (Koichi Sasada)	03/18/2025 01:06 PM
15802	Ruby	Misc	Assigned	Reduce the minimum string buffer size from 127 to 63 bytes	ko1 (Koichi Sasada)	04/03/2024 03:50 AM
15778	Ruby	Feature	Assigned	Expose an API to pry-open the stack frames in Ruby	ko1 (Koichi Sasada)	04/03/2024 03:50 AM

#	Project	Tracker	Status	Subject	Assignee	Updated
15499	Ruby	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
15315	Ruby	Bug	Assigned	ec_switch can still lose interrupts	ko1 (Koichi Sasada)	04/03/2024 03:50 AM
15263	Ruby	Bug	Assigned	[PATCH] vm_trace.c (postponed_job_register): only hit main thread	ko1 (Koichi Sasada)	04/03/2024 03:50 AM
14859	Ruby	Feature	Assigned	[PATCH] implement Timeout in VM	ko1 (Koichi Sasada)	04/03/2024 03:50 AM
14813	Ruby	Feature	Assigned	[PATCH] gc.c: make gc_enter+gc_exit pairs dtrace probes, too	ko1 (Koichi Sasada)	04/03/2024 03:50 AM
14727	Ruby	Bug	Assigned	TestQueue#test_queue_with_trap always timeout on Windows10	ko1 (Koichi Sasada)	05/01/2018 02:59 AM
14492	Ruby	Feature	Assigned	iseq loading + caching should be in core	ko1 (Koichi Sasada)	04/03/2024 03:50 AM
14394	Ruby	Feature	Assigned	Class.descendants	ko1 (Koichi Sasada)	04/03/2024 03:50 AM
14090	Ruby	Bug	Assigned	`TestGc#test_interrupt_in_finalizer` fails very rarely	ko1 (Koichi Sasada)	12/02/2021 07:24 PM
13821	Ruby	Feature	Assigned	Allow fibers to be resumed across threads	ko1 (Koichi Sasada)	12/28/2023 09:20 PM
13252	Ruby	Feature	Assigned	C API for creating strings without copying	ko1 (Koichi Sasada)	04/17/2017 07:22 AM
12020	Ruby	Feature	Assigned	Documenting Ruby memory model	ko1 (Koichi Sasada)	12/23/2021 11:40 PM
11808	Ruby	Bug	Assigned	Different behavior between Enumerable#grep and Array#grep	ko1 (Koichi Sasada)	04/03/2024 03:50 AM
10932	Ruby	Feature	Assigned	Enabling allocation tracing as early as possible	ko1 (Koichi Sasada)	04/03/2024 03:50 AM
10423	Ruby	Feature	Assigned	[PATCH] opt_str_lit*: avoid literal string allocations	ko1 (Koichi Sasada)	04/03/2024 03:50 AM
10238	Ruby	Feature	Assigned	todo: remove dependency on malloc_usable_size	ko1 (Koichi Sasada)	04/03/2024 03:50 AM
10009	Ruby	Bug	Assigned	IO operation is 10x slower in multi-thread environment	ko1 (Koichi Sasada)	04/03/2024 03:50 AM
9755	Ruby	Feature	Assigned	Thread::Backtrace::Location#defined_class	ko1 (Koichi Sasada)	04/18/2014 09:22 AM
8960	Ruby	Feature	Assigned	Add Exception#backtrace_locations	ko1 (Koichi Sasada)	11/25/2016 02:15 PM
8576	Ruby	Feature	Assigned	Add optimized method type for constant value methods	ko1 (Koichi Sasada)	12/25/2017 06:15 PM
8444	Ruby	Bug	Assigned	Regexp vars \$~ and friends are not thread local	ko1 (Koichi Sasada)	04/03/2024 03:50 AM
8263	Ruby	Feature	Assigned	Support discovering yield state of individual Fibers	ko1 (Koichi Sasada)	12/23/2021 11:40 PM
6695	Ruby	Feature	Assigned	Configuration for Thread/Fiber creation	ko1 (Koichi Sasada)	12/25/2017 06:15 PM
6694	Ruby	Feature	Assigned	Thread.new without block.	ko1 (Koichi Sasada)	12/25/2017 06:15 PM
3731	Ruby	Feature	Assigned	Easier Embedding API for Ruby	ko1 (Koichi Sasada)	03/20/2024 12:22 AM
2294	Ruby	Feature	Assigned	[PATCH] ruby_bind_stack() to embed Ruby in coroutine	ko1 (Koichi Sasada)	01/05/2018 09:00 PM
13697	Ruby	Feature	Assigned	[PATCH]: futex based thread primitives	kosaki (Motohiro KOSAKI)	04/03/2024 03:50 AM
7086	Ruby	Feature	Assigned	ConditionVariable#wait has meaningless return value	kosaki (Motohiro KOSAKI)	12/25/2017 06:15 PM
4464	Ruby	Feature	Assigned	[PATCH] add Fcntl::Flock object for easier use of POSIX file locks	kosaki (Motohiro KOSAKI)	12/25/2017 06:14 PM
17355	Ruby	Feature	Assigned	Using same set of names in or-patterns (pattern matching with Foo(x)   Bar(x))	ktsj (Kazuki Tsujimoto)	09/13/2021 09:11 AM
15918	Ruby	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

#	Project	Tracker	Status	Subject	Assignee	Updated
20225	Ruby	Bug	Assigned	Inconsistent behavior of regex matching for a regex has a null loop	make_now_just (Hiroya Fujinami)	04/03/2024 03:50 AM
21307	Ruby	Feature	Assigned	A way to strictly validate time input	mame (Yusuke Endoh)	05/09/2025 03:31 AM
19363	Ruby	Bug	Assigned	Fix rb_transient_heap_mark: wrong header (T_STRUCT) segfault	mame (Yusuke Endoh)	04/03/2024 03:50 AM
15815	Ruby	Feature	Assigned	Add option to raise NoMethodError for OpenStruct	marcandre (Marc-Andre Lafortune)	04/03/2024 03:50 AM
9347	Ruby	Feature	Assigned	Accept non callable argument to detect	marcandre (Marc-Andre Lafortune)	04/03/2024 03:50 AM
20953	Ruby	Feature	Assigned	Array#fetch_values vs #values_at protocols	matz (Yukihiko Matsumoto)	03/27/2025 01:15 AM
20205	Ruby	Feature	Assigned	Enable `frozen_string_literal` by default	matz (Yukihiko Matsumoto)	12/19/2024 03:22 PM
19304	Ruby	Misc	Assigned	Kernel vs Object documentation	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
17849	Ruby	Feature	Assigned	Fix Timeout.timeout so that it can be used in threaded Web servers	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
17830	Ruby	Feature	Assigned	Add Integer#previous and Integer#prev	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
17785	Ruby	Feature	Assigned	Allow named parameters to be keywords	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
17291	Ruby	Feature	Assigned	Optimize __send__ call	matz (Yukihiko Matsumoto)	01/12/2021 05:47 AM
17288	Ruby	Feature	Assigned	Optimize __send__ call with a literal method name	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
17279	Ruby	Feature	Assigned	Allow a negative step in Range#step with a block	matz (Yukihiko Matsumoto)	07/14/2024 11:33 AM
17184	Ruby	Feature	Assigned	No stdlib function to perform simple string replacement	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
16992	Ruby	Feature	Assigned	Sets: officially ordered	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
16986	Ruby	Feature	Assigned	Anonymous Struct literal	matz (Yukihiko Matsumoto)	10/18/2024 08:06 PM
16894	Ruby	Feature	Assigned	Integer division for Ruby 3	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
16630	Ruby	Misc	Assigned	Deprecate pub/ruby/*snapshot* and use pub/ruby/snapshot/* instead	matz (Yukihiko Matsumoto)	02/27/2020 09:52 AM
16461	Ruby	Feature	Assigned	Proc#using	matz (Yukihiko Matsumoto)	05/16/2024 12:06 AM
15991	Ruby	Feature	Assigned	Allow questionmarks in variable names	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
15837	Ruby	Feature	Assigned	Module#name_components	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
15764	Ruby	Bug	Assigned	Whitespace and control characters should not be permitted in tokens	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
15445	Ruby	Feature	Assigned	Reject '.123' in Float() method	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
15330	Ruby	Feature	Assigned	autoload_relative	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
15277	Ruby	Feature	Assigned	at_exec	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
15192	Ruby	Feature	Assigned	Introduce a new "shortcut assigning" syntax to convenient setup instance variables	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
15112	Ruby	Feature	Assigned	Introducing the short form of `STDERR.puts expr.inspect`.	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
14982	Ruby	Feature	Assigned	Improve namespace system in ruby to avoiding top-level names chaos	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
14927	Ruby	Feature	Assigned	Loading multiple files at once	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
14760	Ruby	Misc	Assigned	cross-thread IO#close semantics	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
14724	Ruby	Feature	Assigned	chains of inequalities	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
14548	Ruby	Feature	Assigned	Allow some_array&.[1] to be a valid syntax	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM





#	Project	Tracker	Status	Subject	Assignee	Updated
9070	Ruby	Feature	Assigned	Introduce `---` as synonym of `end` keyword	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
9043	Ruby	Feature	Assigned	Add String#f method as shortcut for #freeze	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
9023	Ruby	Feature	Assigned	Array#tail	matz (Yukihiko Matsumoto)	12/23/2021 11:40 PM
8850	Ruby	Feature	Assigned	Convert Rational to decimal string	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
8839	Ruby	Feature	Assigned	Class and module should return the class or module that was opened	matz (Yukihiko Matsumoto)	12/28/2015 08:36 AM
8804	Ruby	Feature	Assigned	ONCE syntax	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
8678	Ruby	Feature	Assigned	Allow invalid string to work with regexp	matz (Yukihiko Matsumoto)	01/05/2018 09:00 PM
8663	Ruby	Feature	Assigned	Officialy alias ArgumentError to ArgError	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
8536	Ruby	Feature	Assigned	Implement is_numeric? family of methods	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
8478	Ruby	Feature	Assigned	The hash returned by Enumerable#group_by should have an empty array for its default value	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
8271	Ruby	Feature	Assigned	Proposal for moving to a more visible, formal process for feature requests	matz (Yukihiko Matsumoto)	12/23/2021 11:40 PM
8232	Ruby	Feature	Assigned	Rudiments of abstract algebra in Ruby	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
8229	Ruby	Feature	Assigned	extend Hash.include?	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
8164	Ruby	Feature	Assigned	Public/Private	matz (Yukihiko Matsumoto)	12/10/2020 08:50 AM
8061	Ruby	Feature	Assigned	□□□□□□□□□□□□□□□□	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
8042	Ruby	Feature	Assigned	Add Addrinfo#socket to create a socket that is not connected or bound	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
8016	Ruby	Feature	Assigned	Alias __FILE__ and __LINE__ as methods	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
7914	Ruby	Feature	Assigned	Case for local class methods	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
7883	Ruby	Feature	Assigned	Add Regex#to_proc	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
7876	Ruby	Feature	Assigned	Add method for accessing Class from within Singleton Class	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
7848	Ruby	Feature	Assigned	Restore default state for core ruby objects	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
7795	Ruby	Feature	Assigned	Symbol.defined? and/or to_existing_symbol	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
7748	Ruby	Feature	Assigned	Contextual send	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
7739	Ruby	Feature	Assigned	Define Hash#  as Hash#reverse_merge in Rails	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
7704	Ruby	Feature	Assigned	Add a list of enabled (experimental) language features.	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
7702	Ruby	Feature	Assigned	Remove Proc#binding	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
7657	Ruby	Feature	Assigned	Array#& doesn't accept Enumerables	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
7654	Ruby	Feature	Assigned	Add optional code block to IO::readlines	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
7644	Ruby	Feature	Assigned	In refinements, change "using" keyword to a less generic word.	matz (Yukihiko Matsumoto)	12/10/2020 08:49 AM
7614	Ruby	Feature	Assigned	alias_accessor	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
7611	Ruby	Feature	Assigned	Focal method for all loads/requires	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
7604	Ruby	Feature	Assigned	Make === comparison operator ability to delegate comparison to an argument	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM

#	Project	Tracker	Status	Subject	Assignee	Updated
7580	Ruby	Feature	Assigned	Range translation	matz (Yukihiko Matsumoto)	06/11/2018 09:51 AM
7548	Ruby	Feature	Assigned	Load and Require Callbacks	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
7546	Ruby	Feature	Assigned	Change behavior of `Array#slice` for an argument of `Range` class	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
7503	Ruby	Feature	Assigned	make timeout.rb async-interrupt safe by default	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
7444	Ruby	Feature	Assigned	Array#product_set	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
7436	Ruby	Feature	Assigned	Allow for a "granularity" flag for backtrace_locations	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
7377	Ruby	Feature	Assigned	#indetical? as an alias for #equal?	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
7349	Ruby	Feature	Assigned	Struct#inspect needs more meaningful output	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
7314	Ruby	Feature	Assigned	Convert Proc to Lambda doesn't work in MRI	matz (Yukihiko Matsumoto)	05/21/2016 09:15 AM
7149	Ruby	Feature	Assigned	Constant magic for everyone.	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
7132	Ruby	Feature	Assigned	Alternation between named / ordered method arguments and aliases for method arguments.	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
7121	Ruby	Feature	Assigned	Extending the use of `require`	matz (Yukihiko Matsumoto)	04/03/2024 04:29 AM
7087	Ruby	Feature	Assigned	::ConditionVariable#wait does not work with Monitor because Monitor#sleep does not exist	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
6869	Ruby	Feature	Assigned	Do not treat `__` parameter exceptionally	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
6842	Ruby	Feature	Assigned	Add Optional Arguments to String#strip	matz (Yukihiko Matsumoto)	08/24/2016 05:50 AM
6841	Ruby	Feature	Assigned	Shorthand for Assigning Return Value of Method to Self	matz (Yukihiko Matsumoto)	12/10/2020 08:53 AM
6817	Ruby	Feature	Assigned	Partial application	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
6811	Ruby	Feature	Assigned	File, Dir and FileUtils should have bang-versions of singleton methods that fails silently	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
6810	Ruby	Feature	Assigned	`module A::B; end` is not equivalent to `module A; module B; end; end` with respect to constant lookup (scope)	matz (Yukihiko Matsumoto)	12/10/2020 09:22 AM
6802	Ruby	Feature	Assigned	String#scan should have equivalent yielding MatchData	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
6671	Ruby	Feature	Assigned	File.split_all and File.split_root	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
6648	Ruby	Feature	Assigned	Provide a standard API for retrieving all command-line flags passed to Ruby	matz (Yukihiko Matsumoto)	12/17/2024 04:10 PM
6641	Ruby	Feature	Assigned	Hash.auto constructor	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
6611	Ruby	Feature	Assigned	Comments requested on implementation of set_parse_func	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
6596	Ruby	Feature	Assigned	New method `Array#indexes`	matz (Yukihiko Matsumoto)	07/29/2020 01:41 AM
6594	Ruby	Feature	Assigned	Integrated Functor	matz (Yukihiko Matsumoto)	03/20/2024 12:21 AM
6452	Ruby	Feature	Assigned	Allow extend to override class methods	matz (Yukihiko Matsumoto)	12/10/2020 08:53 AM
6445	Ruby	Feature	Assigned	request for default length/position on string index	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
6376	Ruby	Feature	Assigned	Feature lookup and checking if feature is loaded	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
6354	Ruby	Feature	Assigned	Remove escape (break/return/redo/next support) from class/module scope	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
6337	Ruby	Feature	Assigned	FileUtils#sync	matz (Yukihiko Matsumoto)	03/20/2024 12:38 AM
6317	Ruby	Feature	Assigned	Range#cover? Range#cover?	matz (Yukihiko Matsumoto)	03/20/2024 12:46 AM

#	Project	Tracker	Status	Subject	Assignee	Updated
6309	Ruby	Feature	Assigned	Add a reference queue for weak references	matz (Yukihiko Matsumoto)	08/23/2020 09:07 PM
6308	Ruby	Feature	Assigned	Eliminate delegation from WeakRef	matz (Yukihiko Matsumoto)	12/23/2021 11:40 PM
6293	Ruby	Feature	Assigned	new queue / blocking queues	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
6277	Ruby	Feature	Assigned	Hash#convert_key	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
5970	Ruby	Feature	Assigned	Add Enumerable#join with same semantics as Array#join	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
5945	Ruby	Feature	Assigned	Add the ability to mark a at_exit as process-local.	matz (Yukihiko Matsumoto)	10/10/2018 08:29 AM
5825	Ruby	Feature	Assigned	Sweet instance var assignment in the object initializer	matz (Yukihiko Matsumoto)	10/12/2023 02:41 AM
5781	Ruby	Feature	Assigned	Query attributes (attribute methods ending in `?` mark)	matz (Yukihiko Matsumoto)	01/10/2020 06:34 AM
5749	Ruby	Feature	Assigned	new method String#match_all needed	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
5741	Ruby	Feature	Assigned	Secure Erasure of Passwords	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
5643	Ruby	Feature	Assigned	require/load options and binding option	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
5582	Ruby	Feature	Assigned	Allow clone of singleton methods on a BasicObject	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
5558	Ruby	Feature	Assigned	String#% strange arity errors	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
5456	Ruby	Feature	Assigned	kernel#syscall() should be removed.	matz (Yukihiko Matsumoto)	12/10/2020 08:46 AM
5445	Ruby	Feature	Assigned	Need RUBYOPT -r before ARGV -r	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
5389	Ruby	Feature	Assigned	New method Enumerator#iterate	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
5129	Ruby	Feature	Assigned	Create a core class "FileArray" and make "ARGF" its instance	matz (Yukihiko Matsumoto)	01/23/2018 02:02 PM
5064	Ruby	Feature	Assigned	HTTP user-agent class	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
5007	Ruby	Feature	Assigned	Proc#call_under: Unifying instance_eval and instance_exec	matz (Yukihiko Matsumoto)	04/19/2018 07:57 AM
4824	Ruby	Feature	Assigned	Provide method Kernel#executed?	matz (Yukihiko Matsumoto)	03/05/2018 04:57 AM
4818	Ruby	Feature	Assigned	Add method marshalable?	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
4592	Ruby	Feature	Assigned	Tempfile	matz (Yukihiko Matsumoto)	12/25/2017 06:14 PM
4539	Ruby	Feature	Assigned	Array#zip_with	matz (Yukihiko Matsumoto)	05/16/2025 08:47 PM
4521	Ruby	Feature	Assigned	NoMethodError#message may take very long to execute	matz (Yukihiko Matsumoto)	12/25/2017 06:14 PM
4514	Ruby	Feature	Assigned	#deep_clone and #deep_dup for Objects	matz (Yukihiko Matsumoto)	12/25/2017 06:14 PM
21221	Ruby	Feature	Assigned	Proposal to upstream ZJIT	maximecb (Maxime Chevalier-Boisvert)	05/12/2025 11:16 PM
20881	Ruby	Bug	Assigned	Complex#** returns discontinuous results in Fixnum and Bignum exponents	mrkn (Kenta Murata)	11/13/2024 05:16 AM
18677	Ruby	Bug	Assigned	BigDecimal#power (**) returns FloatDomainError when passing an infinite parameter	mrkn (Kenta Murata)	04/20/2022 02:04 AM
17339	Ruby	Feature	Assigned	Semantic grouping with BigDecimal#to_s	mrkn (Kenta Murata)	07/01/2023 03:02 PM
16350	Ruby	Feature	Assigned	ArithmeticSequence#member? can result in infinite loop	mrkn (Kenta Murata)	05/29/2020 10:26 PM
14476	Ruby	Feature	Assigned	Adding same_all? for checking whether all items in an Array are same	mrkn (Kenta Murata)	08/28/2020 01:10 PM
10782	Ruby	Feature	Assigned	Patch: Add constants for BigDecimal for ZERO, ONE, TEN	mrkn (Kenta Murata)	05/21/2015 08:13 AM
8295	Ruby	Feature	Assigned	Float Rational Rational BigDecimal	mrkn (Kenta Murata)	12/25/2017 06:15 PM

#	Project	Tracker	Status	Subject	Assignee	Updated
7321	Ruby	Feature	Assigned	Newton.#nsolve 2 000000000000	mrkn (Kenta Murata)	12/25/2017 06:15 PM
6973	Ruby	Feature	Assigned	Add an #integral? method to Numeric to test for whole-number values	mrkn (Kenta Murata)	12/25/2017 06:15 PM
6857	Ruby	Feature	Assigned	bigdecimal/math BigMath.E/BigMath.exp R. P. Feynman inspired optimization	mrkn (Kenta Murata)	12/25/2017 06:15 PM
5310	Ruby	Feature	Assigned	Integral objects	mrkn (Kenta Murata)	12/25/2017 06:15 PM
5654	Ruby	Feature	Assigned	Introduce global lock to avoid concurrent require	nahi (Hiroshi Nakamura)	12/25/2017 06:15 PM
18371	Ruby	Misc	Assigned	Release branches (release information in general)	naruse (Yui NARUSE)	03/23/2022 10:32 PM
17638	Ruby	Feature	Assigned	Support backtracing with the libbacktrace library	naruse (Yui NARUSE)	03/05/2021 03:40 PM
17111	Ruby	Feature	Assigned	Improve performance of Net::HTTPHeader#set_form by 40%	naruse (Yui NARUSE)	08/10/2020 05:36 AM
16559	Ruby	Feature	Assigned	Net::HTTP#request injects "Connection: close" header if #started? is false, wasting HTTP server resources	naruse (Yui NARUSE)	04/03/2024 03:50 AM
15940	Ruby	Feature	Assigned	Coerce symbols internal fstrings in UTF8 rather than ASCII to better share memory with string literals	naruse (Yui NARUSE)	04/03/2024 03:50 AM
15931	Ruby	Feature	Assigned	encoding for CESU-8	naruse (Yui NARUSE)	04/03/2024 03:50 AM
15007	Ruby	Misc	Assigned	Let all Init_xxx and extension APIs frequently called from init code paths be considered cold	naruse (Yui NARUSE)	04/03/2024 03:50 AM
9020	Ruby	Feature	Assigned	Net::HTTPResponse predicate/query methods	naruse (Yui NARUSE)	12/25/2017 06:15 PM
7892	Ruby	Bug	Assigned	MIME encoding bug of NKF.nkf	naruse (Yui NARUSE)	04/03/2024 03:50 AM
6265	Ruby	Feature	Assigned	Remove 'useless' 'concatenation' syntax	naruse (Yui NARUSE)	08/10/2016 02:36 AM
5764	Ruby	Feature	Assigned	Net::HTTP should assume HTTP/0.9 on unexpected responses	naruse (Yui NARUSE)	07/15/2019 05:06 PM
5461	Ruby	Feature	Assigned	Add pipelining to Net::HTTP	naruse (Yui NARUSE)	12/25/2017 06:15 PM
21097	Ruby	Bug	Assigned	`x = a rescue b in c` and `def f = a rescue b in c` parsed differently between parse.y and prism	nobu (Nobuyoshi Nakada)	03/11/2025 07:24 AM
20920	Ruby	Bug	Assigned	When loading a file, __FILE__ gets relative paths expanded only when they start with "./"	nobu (Nobuyoshi Nakada)	03/27/2025 01:15 AM
19794	Ruby	Bug	Assigned	Ruby 3.2.2 fails to build on macOS Sonoma betas	nobu (Nobuyoshi Nakada)	09/21/2023 05:44 AM
19758	Ruby	Misc	Assigned	Statically link ext/json	nobu (Nobuyoshi Nakada)	04/03/2024 03:50 AM
17662	Ruby	Misc	Assigned	The heredoc pattern used in tests does not syntax highlight correctly in many editors	nobu (Nobuyoshi Nakada)	06/30/2021 12:54 PM
17578	Ruby	Bug	Assigned	mkmf experimental C++ Support	nobu (Nobuyoshi Nakada)	01/27/2021 03:51 AM
16978	Ruby	Feature	Assigned	Ruby should not use realpath for __FILE__	nobu (Nobuyoshi Nakada)	04/03/2024 03:50 AM
16747	Ruby	Misc	Assigned	Repository reorganization request	nobu (Nobuyoshi Nakada)	05/22/2020 01:30 PM
16497	Ruby	Bug	Assigned	StringIO#internal_encoding is broken (more severely in 2.7)	nobu (Nobuyoshi Nakada)	10/26/2021 04:31 PM
16291	Ruby	Feature	Assigned	Introduce support for resize in rb_ary_freeze and prefer internal use of rb_ary_freeze and rb_str_freeze for String and Array types	nobu (Nobuyoshi Nakada)	04/03/2024 03:50 AM
16025	Ruby	Misc	Assigned	'st_check_for_sizeof_st_index_t' declared as array with a negative size (emscripten)	nobu (Nobuyoshi Nakada)	07/30/2019 11:20 AM
15806	Ruby	Misc	Assigned	Explicitly initialise encodings on init to remove branches on encoding lookup	nobu (Nobuyoshi Nakada)	08/29/2019 04:29 AM
15305	Ruby	Feature	Assigned	[PATCH] include/ruby/ruby.h (RB_ALLOCV*): remove GC guard	nobu (Nobuyoshi Nakada)	04/03/2024 03:50 AM

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14692	Ruby	Misc	Assigned	Question: Ruby stdlib's Option Parser	nobu (Nobuyoshi Nakada)	04/03/2024 03:50 AM
13577	Ruby	Feature	Assigned	Digest.file accidentally receives File object but uses file path	nobu (Nobuyoshi Nakada)	05/20/2017 06:50 PM
13516	Ruby	Feature	Assigned	Improve the text of the circular require warning	nobu (Nobuyoshi Nakada)	08/31/2017 05:49 AM
13378	Ruby	Feature	Assigned	Eliminate 4 of 8 syscalls when requiring file by absolute path	nobu (Nobuyoshi Nakada)	04/03/2024 03:50 AM
12725	Ruby	Bug	Assigned	Trying to use ./miniruby before it exists	nobu (Nobuyoshi Nakada)	08/22/2023 10:33 PM
12064	Ruby	Feature	Assigned	Make creation of enc/unicode/casfold.h automatic again	nobu (Nobuyoshi Nakada)	04/03/2024 03:50 AM
10416	Ruby	Bug	Assigned	Create mechanism for updating of Unicode data files downstreams when we want	nobu (Nobuyoshi Nakada)	04/03/2024 03:50 AM
9010	Ruby	Bug	Assigned	./configure --prefix= cannot handle directories with spaces	nobu (Nobuyoshi Nakada)	11/13/2023 07:46 PM
8959	Ruby	Feature	Assigned	Allow top level prepend	nobu (Nobuyoshi Nakada)	10/16/2013 03:22 AM
8460	Ruby	Feature	Assigned	PATCH: optparse: add `keep_unknown` option	nobu (Nobuyoshi Nakada)	04/02/2023 06:51 AM
8449	Ruby	Feature	Assigned	Array#ary_plus always returns an array	nobu (Nobuyoshi Nakada)	04/03/2024 03:50 AM
8270	Ruby	Feature	Assigned	Ruby should build without thread support (aka minix)	nobu (Nobuyoshi Nakada)	04/03/2024 03:50 AM
7964	Ruby	Bug	Assigned	Writing an ASCII-8BIT String to a StringIO created from a UTF-8 String	nobu (Nobuyoshi Nakada)	11/13/2023 07:07 PM
7745	Ruby	Feature	Assigned	lib/observer.rb: Observers are compared by identity	nobu (Nobuyoshi Nakada)	04/03/2024 03:50 AM
7532	Ruby	Feature	Assigned	Hardcoded compiler location	nobu (Nobuyoshi Nakada)	12/25/2017 06:15 PM
7394	Ruby	Feature	Assigned	Enumerable#find ifnone parameter could be non-callable	nobu (Nobuyoshi Nakada)	02/10/2021 09:32 AM
6769	Ruby	Feature	Assigned	rbinstall.rb: install both src and batch files separately	nobu (Nobuyoshi Nakada)	10/30/2015 12:38 PM
6360	Ruby	Bug	Assigned	Debug information build even without requesting it	nobu (Nobuyoshi Nakada)	11/13/2023 07:21 PM
4924	Ruby	Feature	Assigned	mkmf have_header fails with C++ headers	nobu (Nobuyoshi Nakada)	12/25/2017 06:15 PM
2324	Ruby	Feature	Assigned	Dir instance methods for relative path	nobu (Nobuyoshi Nakada)	12/25/2017 05:58 PM
19465	Ruby	Feature	Assigned	[PATCH] reuse open(2) from rb_file_load_ok on POSIX-like system	normalperson (Eric Wong)	02/28/2023 09:40 AM
14901	Ruby	Feature	Assigned	[PATCH] do not block SIGCHLD in normal Ruby Threads	normalperson (Eric Wong)	07/19/2021 05:23 AM
11299	Ruby	Feature	Assigned	[PATCH] use Array instead of custom struct for generic ivars	normalperson (Eric Wong)	04/03/2024 03:50 AM
10328	Ruby	Feature	Assigned	[PATCH] make OPT_SUPPORT_JOKE a proper VM option	normalperson (Eric Wong)	04/03/2024 03:50 AM
21203	Ruby	Bug	Assigned	TestGc#test_gc_parameter_init_slots is flaky results	peterzhu2118 (Peter Zhu)	04/02/2025 09:28 AM
16805	Ruby	Misc	Assigned	Coroutine's license is unclear	ReiOdaira (Rei Odaira)	07/01/2021 10:09 PM
12582	Ruby	Bug	Assigned	OpenSSL Authenticated Encryption should check for tag length	rhenium (Kazuki Yamaguchi)	04/28/2017 01:45 PM
9830	Ruby	Feature	Assigned	Support for GOST private/public keys	rhenium (Kazuki Yamaguchi)	11/29/2022 01:48 AM
8126	Ruby	Feature	Assigned	OpenSSL::SSL::SSLSocket does not define #recv and #send messages	rhenium (Kazuki Yamaguchi)	08/08/2019 11:05 PM
6133	Ruby	Feature	Assigned	SSLSocket#shutdown	rhenium (Kazuki Yamaguchi)	11/29/2022 02:07 AM
14412	Ruby	Feature	Assigned	DRb UNIX on local machine: add support for getpeerid()	seki (Masatoshi Seki)	01/28/2018 12:51 PM
5434	Ruby	Feature	Assigned	Allow per-class whitelisting of methods safe to expose through DRb	seki (Masatoshi Seki)	12/25/2017 06:15 PM
20888	Ruby	Bug	Assigned	4c270200db breaks TestGemRemoteFetcherLocalSSLServer tests or so	shioimm (Misaki Shioi)	12/06/2024 05:51 AM

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12281	Ruby	Feature	Assigned	Allow lexically scoped use of refinements with `using {}` block syntax	shugo (Shugo Maeda)	06/13/2016 07:44 AM
17376	Ruby	Misc	Assigned	Reduce number of GitHub Actions	shyouhei (Shyouhei Urabe)	12/10/2020 11:50 AM
6682	Ruby	Feature	Assigned	Add a method to return an instance attached by a singleton class	shyouhei (Shyouhei Urabe)	12/25/2017 06:15 PM
11955	Ruby	Feature	Assigned	Expose Object that Receives logs in Logger	sonots (Naotoshi Seo)	10/15/2022 08:38 AM
13622	Ruby	Misc	Assigned	Documentation missing	stomar (Marcus Stollsteimer)	06/03/2017 07:27 AM
15239	Ruby	Feature	Assigned	[patch] test-spec win32ole	suke (Masaki Suketa)	12/29/2019 01:04 PM
6613	Ruby	Feature	Assigned	VT_RECORD, IRecordInfo Support in WIN32OLE	suke (Masaki Suketa)	12/25/2017 06:15 PM
21339	Ruby	Bug	Assigned	Namespace: `RubyVM::InstructionSequence.load_iseq` isn't called for the root namespace	tagomoris (Satoshi Tagomori)	05/15/2025 10:49 AM
21311	Ruby	Feature	Assigned	Namespace on read (revised)	tagomoris (Satoshi Tagomori)	05/17/2025 06:07 AM
9590	Ruby	Feature	Assigned	introduce st_foreach_update and st_foreach_update_check for performance.	tarui (Masaya Tarui)	04/03/2024 03:50 AM
21298	Ruby	Bug	Assigned	`ObjectSpace.allocation_class_path` returns inconsistent results depending on `TracePoint` state	tenderlovmaking (Aaron Patterson)	05/12/2025 11:16 PM
20041	Ruby	Bug	Assigned	Array destructuring and default values in parameters	tenderlovmaking (Aaron Patterson)	04/03/2024 03:50 AM
7788	Ruby	Feature	Assigned	YAML Tag Schema Support	tenderlovmaking (Aaron Patterson)	04/03/2024 03:50 AM
7518	Ruby	Feature	Assigned	Fiddle::Pointer#to_str and Fiddle::Pointer#to_int should be removed	tenderlovmaking (Aaron Patterson)	08/15/2013 04:56 AM
7488	Ruby	Feature	Assigned	Receiving object_id in object creation probes	tenderlovmaking (Aaron Patterson)	12/25/2017 06:15 PM
11599	Ruby	Feature	Assigned	Dump entries of hash in ObjectSpace	tmm1 (Aman Karmani)	04/03/2024 03:50 AM
11292	Ruby	Feature	Assigned	objspace: Dump type of special consts	tmm1 (Aman Karmani)	04/03/2024 03:50 AM
19193	Ruby	Feature	Assigned	drop DOS TEXT mode support	usa (Usaku NAKAMURA)	12/20/2022 04:53 PM
12653	Ruby	Feature	Assigned	Use wide WinAPI for rb_w32_getcwd	usa (Usaku NAKAMURA)	09/12/2016 06:35 AM
11142	Ruby	Bug	Assigned	Command line argument parser on windows handles double quotes inconsistently.	usa (Usaku NAKAMURA)	04/03/2024 03:50 AM
15166	Ruby	Feature	Assigned	2.5 times faster implementation than current gcd implementation	watson1978 (Shizuo Fujita)	04/26/2019 09:12 PM
18878	Ruby	Bug	Assigned	parse.y: Foo::Bar {} is inconsistently rejected	ydah (Yudai Takada)	05/07/2025 06:07 AM
10560	Ruby	Misc	Assigned	confusion between x=x+y, x+=y, x.concat(y) and y.each{ z  x<<z}	zzak (zzak _)	01/05/2018 09:02 PM
10513	Ruby	Misc	Assigned	instance_eval yields the receiver, but is documented to yield no arguments	zzak (zzak _)	04/03/2024 03:50 AM
9235	Ruby	Feature	Assigned	Documentation for commercial support	zzak (zzak _)	08/10/2019 02:55 PM
9136	Ruby	Misc	Assigned	Deprecated Enumerator.new(object, method) bad for BasicObject	zzak (zzak _)	11/23/2013 03:58 AM
21347	Ruby	Feature	Open	Add `open_timeout` as an overall timeout option for `Socket.tcp`		05/17/2025 07:37 AM
21346	Ruby	Feature	Open	Introduce `String#ensure_suffix`		05/17/2025 08:24 AM
21343	Ruby	Bug	Open	Namespace: singleton classes of root namespace leak between namespaces		05/16/2025 07:34 AM
21342	Ruby	Bug	Open	Segfault: invalid keeping_mutexes when using Mutex in Thread then Fiber after GC		05/15/2025 06:06 PM
21341	Ruby	Bug	Open	`Namespace is not a module (TypeError)` without enabling the namespace		05/15/2025 10:07 AM
21340	Ruby	Bug	Open	Bump autoconf version to properly handle C23 bool/stdbool defines		05/16/2025 10:18 PM

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21335	Ruby	Feature	Open	Namespaces should be present in the backtrace		05/16/2025 01:11 PM
21333	Ruby	Bug	Open	heap-use-after-free caused by rehash during update		05/15/2025 04:07 AM
21330	Ruby	Bug	Open	Namespace: Class and Module frozen status is not namespaced		05/13/2025 12:00 PM
21329	Ruby	Bug	Open	`date_core.so` is broken with the recent MSYS2 update		05/14/2025 06:50 PM
21325	Ruby	Misc	Open	make ruby more middle-aged man friendly		05/11/2025 04:32 PM
21324	Ruby	Bug	Open	Namespace loads RubyGems in root Namespace but it should not		05/13/2025 11:40 AM
21323	Ruby	Bug	Open	irb fails to start with Namespace		05/10/2025 12:32 PM
21322	Ruby	Bug	Open	Namespaces and builtin classes as arguments and return values		05/13/2025 10:20 PM
21320	Ruby	Bug	Open	Namespaces leak with constant lookup		05/10/2025 12:17 PM
21318	Ruby	Bug	Open	Namespaces leak with Module.nesting		05/10/2025 11:06 AM
21316	Ruby	Bug	Open	Namespaces leak with permanent names		05/13/2025 11:52 AM
21314	Ruby	Bug	Open	Kernel#autoload requires the wrong file (?)		05/09/2025 03:52 AM
21308	Ruby	Feature	Open	Replacing the Float#to_s (dtoa.c) implementation with a modern algorithm		05/13/2025 07:57 AM
21301	Ruby	Bug	Open	Invalid Dates Accepted When Using "UTC" in Time.new		05/04/2025 02:05 AM
21300	Ruby	Feature	Open	Suggestion: Method for Array truncation		05/02/2025 09:38 AM
21295	Ruby	Bug	Open	macos-13 debug build failures		04/30/2025 07:25 PM
21294	Ruby	Bug	Open	URI.extract is extracting invalid URIs with a mishmash of IPv6 notation with IPv4 address		04/30/2025 07:58 AM
21293	Ruby	Bug	Open	G23/GCC 15 build breakage with rb_define_method() and friends		05/01/2025 06:42 AM
21291	Ruby	Bug	Open	possible bug with /m regexp and \$ based on input		04/29/2025 12:56 AM
21290	Ruby	Misc	Open	Unable to build ruby extension on Fedora 42 due to possible GCC 15 issues		05/08/2025 01:30 PM
21287	Ruby	Feature	Open	Remove SortedSet autoload and set/sorted_set		05/09/2025 03:19 AM
21284	Ruby	Feature	Open	Request: add `Array#pad` method		04/30/2025 07:16 PM
21283	Ruby	Bug	Open	Some tests of TestMkmfConvertible is failing with VS2022 17.14.0 preview 4.0		04/24/2025 04:40 AM
21281	Ruby	Misc	Open	DevMeeting-2025-05-08		05/09/2025 10:31 AM

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