

## Issues

#	Project	Tracker	Status	Subject	Assignee	Updated
20727	Ruby	Bug	Assigned	YJIT segmentation fault inside of invalidate_block_version	jit	02/18/2025 04:29 PM
20642	Ruby	Bug	Open	YJIT prevents hardening		07/19/2024 10:27 PM
21266	Ruby	Bug	Assigned	YJIT GC safety crash with proc objects as block argument	jit	05/12/2025 11:16 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
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
20179	Ruby	Bug	Open	`--with-ruby-version` configure option is not correctly applied to `rubyhdrdir`		01/12/2024 01:18 PM
19378	Ruby	Bug	Assigned	Windows: Use less syscalls for faster require of big gems	windows	03/01/2023 10:12 PM
15247	Ruby	Bug	Open	Windows - TEMP folder, non 8.3 & drive, fails & errors in test-all (ruby & rdoc)		10/23/2018 05:02 PM
18359	Ruby	Bug	Open	[Windows MinGW] warning Please include winsock2.h before windows.h		11/23/2021 05:07 PM
18794	Ruby	Bug	Open	Windows - intermittent SEGV TestObjSpace#test_reachable_objects_during_iteration		06/30/2022 11:13 PM
15550	Ruby	Bug	Assigned	Windows - gem bin files - can't run from bash shell	hsbt (Hiroshi SHIBATA)	03/20/2019 01:05 AM
19986	Ruby	Bug	Open	Win32: `HOME` is set to just `HOMEDRIVE` if `HOMEPATH` is unset		11/05/2023 03:15 AM
12040	Ruby	Bug	Assigned	[Win32] File.stat fails on a mounted volume	windows	02/01/2016 08:13 AM
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
15764	Ruby	Bug	Assigned	Whitespace and control characters should not be permitted in tokens	matz (Yukihiro Matsumoto)	04/03/2024 03:50 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
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
19831	Ruby	Bug	Open	warning message of linker with macOS Sonoma beta		12/26/2023 05:49 AM
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
20412	Ruby	Bug	Open	UTF-8 String encoding behavior differs between 3.2, 3.3 and master		04/09/2024 01:16 AM
20155	Ruby	Bug	Assigned	Using value of rb_fiber_scheduler_current() crashes Ruby	ioquatix (Samuel Williams)	01/19/2024 09:45 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
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
20686	Ruby	Bug	Open	URI::HTTPS can build URI with blank, invalid host		08/19/2024 11:46 PM
19756	Ruby	Bug	Open	URI::HTTP.build does not accept a host of `_gateway`, but `URI.parse` will.		07/05/2023 08:38 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

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19157	Ruby	Bug	Open	URI bad component validation can be tricked		11/28/2022 11:46 PM
20461	Ruby	Bug	Open	Unreadable pipe included in the readable IO of IO.select		04/30/2024 06:40 AM
21023	Ruby	Bug	Open	Unintentional ruby/spec capi extension build twice		01/10/2025 11:13 AM
18510	Ruby	Bug	Open	Unexpected waiting for console when starting ruby on windows		01/23/2022 02:53 PM
18013	Ruby	Bug	Open	Unexpected results when mxiing negated character classes and case-folding		06/29/2021 12:05 PM
18947	Ruby	Bug	Open	Unexpected Errno::ENAMETOOLONG on Windows		04/13/2023 06:47 PM
20872	Ruby	Bug	Open	Undefined RUBY_API_VERSION_* macros used in <ruby/backward/cxxanyargs.hpp>		11/06/2024 11:57 AM
14582	Ruby	Bug	Open	Unable to use `method__entry` and `method_return` tracing probes since 2.5		01/20/2025 12:41 PM
21169	Ruby	Bug	Open	"try to mark T_NONE object" with 3.3.7		03/06/2025 08:20 AM
12725	Ruby	Bug	Assigned	Trying to use ./miniruby before it exists	nobu (Nobuyoshi Nakada)	08/22/2023 10:33 PM
18444	Ruby	Bug	Open	Trapped TSTP causes a locking deadlock in 3.0.3 onward		05/26/2022 10:29 PM
20081	Ruby	Bug	Open	Transferred Fiber doesn't return to Fiber that started it		12/27/2023 11:34 PM
6351	Ruby	Bug	Assigned	transcode table generator does not support multi characters of Unicode	duerst (Martin Dürst)	11/13/2023 06:35 PM
20299	Ruby	Bug	Open	Tracepoint staying enable after a disable		03/12/2024 08:33 AM
18132	Ruby	Bug	Open	TODO: fix ccan/list thread safety		01/02/2022 08:22 AM
19383	Ruby	Bug	Assigned	Time.now.zone encoding for German display language in Windows is incorrect	windows	10/20/2024 03:19 PM
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
12689	Ruby	Bug	Open	Thread isolation of \$~ and \$_		04/01/2021 08:51 PM
8185	Ruby	Bug	Open	Thread/fork issue		12/30/2019 03:00 AM
19701	Ruby	Bug	Open	The rb_classext_t::classpath field is not marked for T_ICLASS		06/18/2023 06:55 AM
21259	Ruby	Bug	Assigned	The Prism compiler wrongly creates a line number of zero	prism	04/09/2025 11:04 AM
19703	Ruby	Bug	Open	text/binary mode of parent process fd is not properly inherited on windows		05/31/2023 02:34 PM
20772	Ruby	Bug	Open	Test with -O3 is flaky		09/30/2024 07:49 AM
20929	Ruby	Bug	Open	TestTime have an assertion different from current implementation.		01/07/2025 07:16 AM
14761	Ruby	Bug	Open	TestThread#test_join_limits hangs up on Solaris 10 with gcc		05/16/2018 05:23 AM
14727	Ruby	Bug	Assigned	TestQueue#test_queue_with_trap always timeout on Windows10	ko1 (Koichi Sasada)	05/01/2018 02:59 AM
17999	Ruby	Bug	Open	TestMethod#test_zsuper intermittent timeout error on raspbian10-aarch64 CI		06/18/2021 01:33 AM
20689	Ruby	Bug	Open	TestInvokeVerb#test_invokeverb has warnings on Windows		01/07/2025 07:14 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
14090	Ruby	Bug	Assigned	`TestGc#test_interrupt_in_finalizer` fails very rarely	ko1 (Koichi Sasada)	12/02/2021 07:24 PM
21203	Ruby	Bug	Assigned	TestGc#test_gc_parameter_init_slots is flaky results	peterzhu2118 (Peter Zhu)	04/02/2025 09:28 AM

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21204	Ruby	Bug	Assigned	`TestEtc#test_ractor_parallel` is still flaky result with ModGC/MMTK	eightbitractor (Matt V-H)	04/02/2025 08:58 AM
20203	Ruby	Bug	Open	`TestEnumerable` test failures with GCC 14		04/28/2025 08:21 AM
20045	Ruby	Bug	Assigned	`TestDir#test_home` fails on i686	jemmai (Jemma Issroff)	12/19/2023 05:02 AM
12442	Ruby	Bug	Assigned	TestArgf#test_textmode fails on cygwin	cygwin	05/19/2022 08:20 AM
14681	Ruby	Bug	Assigned	`syswrite`: stream closed in another thread (IOError)	ioquatix (Samuel Williams)	09/20/2024 12:27 AM
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
18080	Ruby	Bug	Open	Syntax error on one-line pattern matching		09/04/2023 11:01 PM
20790	Ruby	Bug	Open	Syntax acceptance of `*x = p rescue p 1` is different between parse.y and prism		11/25/2024 10:58 AM
21187	Ruby	Bug	Assigned	Strings concatenated with `` getting frozen with literal hashes (PRISM only)	prism	05/12/2025 11:16 PM
16497	Ruby	Bug	Assigned	StringIO#internal_encoding is broken (more severely in 2.7)	nobu (Nobuyoshi Nakada)	10/26/2021 04:31 PM
20807	Ruby	Bug	Open	String#gsub fails when called from string subclass with a block passed		10/23/2024 03:03 AM
19636	Ruby	Bug	Open	String#encode EUC_JIS_2004 "¥" Encoding::UndefinedConversionError		05/10/2023 05:16 AM
19558	Ruby	Bug	Open	str.dump.undump crashes when str contains both Unicode and ASCII control characters		03/30/2023 04:21 PM
18966	Ruby	Bug	Open	Strange behavior when numbered parameters and method definition are both used in a block		12/15/2023 04:37 PM
16158	Ruby	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
18903	Ruby	Bug	Open	Stack overflow signal handling seems to be triggered once and then not working after		10/13/2023 03:18 AM
19154	Ruby	Bug	Assigned	Specify require and autoload guarantees in ractors	ractor	05/08/2025 10:38 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
20854	Ruby	Bug	Assigned	Some bundled gems are not installed starting with 007c75ce4c66243e41144c6977e5ccb4ab71c93	hsbt (Hiroshi SHIBATA)	10/31/2024 07:21 AM
19412	Ruby	Bug	Open	Socket starts queueing and not responding after a certain amount of requests		03/16/2023 03:45 PM
19368	Ruby	Bug	Assigned	Small issue with isolated procs and eval	ko1 (Koichi Sasada)	01/22/2023 11:26 PM
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
20319	Ruby	Bug	Open	Singleton class is being frozen lazily in some cases		06/06/2024 09:41 AM
20314	Ruby	Bug	Open	Simultaneous Timeout expires may raise an exception after the block		10/19/2024 06:31 PM
19910	Ruby	Bug	Open	Set#delete_if behavior inconsistent with Array/Hash		10/13/2023 04:42 AM
20301	Ruby	Bug	Open	`Set#add?` does two hash look-ups		03/15/2024 01:34 AM
21090	Ruby	Bug	Assigned	SEGV from require in Thread in Ractor	ractor	05/12/2025 11:16 PM
12444	Ruby	Bug	Assigned	Segmentation fault when running TestException#test_machine_stackoverflow on cygwin	cygwin	05/19/2022 08:20 AM
21206	Ruby	Bug	Open	Segmentation fault on ISeq#to_binary		04/02/2025 02:04 PM

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20666	Ruby	Bug	Open	Segmentation fault instead of LoadError exception		08/11/2024 09:58 AM
19865	Ruby	Bug	Open	Segfault when calling user signal handlers during VM shutdown		08/27/2024 04:01 PM
20020	Ruby	Bug	Open	Segfault running regexp match?		11/24/2023 08:29 AM
19043	Ruby	Bug	Open	Segfault on macOS 11.7 while using StringScanner in multiple threads		10/20/2022 09:35 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
21342	Ruby	Bug	Open	Segfault: invalid keeping_mutexes when using Mutex in Thread then Fiber after GC		05/15/2025 06:06 PM
20813	Ruby	Bug	Open	Segfault in rgencg_check_relation/RVALUE_WB_UNPROTECTED		11/22/2024 09:49 PM
18002	Ruby	Bug	Assigned	s390x: Tests failing without LC_ALL env	jaruga (Jun Aruga)	04/03/2024 03:50 AM
20905	Ruby	Bug	Assigned	Ruby VM hangs while using ractors	ractor	05/13/2025 02:47 PM
19172	Ruby	Bug	Open	`ruby_thread_has_gvl_p` is inaccurate sometimes -- document or change?		02/02/2023 08:28 AM
18842	Ruby	Bug	Open	Ruby's Resolv library does not handle correctly the `NODATA` case		06/19/2022 05:39 PM
16905	Ruby	Bug	Open	Ruby required to build Ruby on Haiku?		05/24/2020 08:08 AM
18940	Ruby	Bug	Assigned	Ruby Ractor fails with IOError when handling higher concurrency	ractor	05/08/2025 10:38 PM
19996	Ruby	Bug	Assigned	`RUBY_MN_THREADS=1` triggers Action Cable unit test failures	ko1 (Koichi Sasada)	12/19/2023 06:40 AM
18733	Ruby	Bug	Assigned	Ruby GC problems cause performance issue with Ractor	ractor	05/12/2025 11:16 PM
17142	Ruby	Bug	Open	Ruby fails to build in AIX		03/20/2021 07:08 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
21271	Ruby	Bug	Open	Ruby build failure due to invalid probe specifier for dtrace		04/27/2025 01:35 PM
18337	Ruby	Bug	Assigned	Ruby allows zero-width characters in identifiers	duerst (Martin Dürst)	11/24/2021 09:13 AM
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
20452	Ruby	Bug	Open	Ruby 3.3 on Alpine Linux results in a relatively shallow SystemStackError exception		02/14/2025 09:47 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
19875	Ruby	Bug	Open	Ruby 3.0 -> 3.1 Performance regression in String#count		09/27/2023 06:52 PM
19438	Ruby	Bug	Open	Ruby 2.7 -> 3.2 Performance Regression in so_k_nucleotide benchmark		03/06/2023 06:10 PM
20809	Ruby	Bug	Open	Ripper fails to parse/tokenize nested heredocs within embexpr		10/22/2024 10:57 AM
20399	Ruby	Bug	Open	Ripper doesn't respect implicit -x		03/29/2024 03:21 PM
20186	Ruby	Bug	Open	Ripper does not generate AST for some keywords in Ruby 3.3		04/24/2024 10:21 PM
20171	Ruby	Bug	Open	ri -i ruby interactive pressing tab does not autocomplete		01/09/2024 05:46 PM
21267	Ruby	Bug	Open	respond_to check in Class#allocate is inconsistent		05/08/2025 03:49 PM
15993	Ruby	Bug	Open	'require' doesn't work if there are Cyrillic chars in the path to Ruby dir		07/09/2021 04:08 PM
18608	Ruby	Bug	Open	`require`: cannot load such file -- ripper (LoadError) after `make distclean`		05/27/2022 04:10 AM
20780	Ruby	Bug	Open	related to #20779 -- crash creating large number of concurrent-ruby promises		10/02/2024 11:53 PM

#	Project	Tracker	Status	Subject	Assignee	Updated
16776	Ruby	Bug	Assigned	Regression in coverage library	ko1 (Koichi Sasada)	11/24/2021 07:26 AM
13671	Ruby	Bug	Assigned	Regexp with lookbehind and case-insensitivity raises RegexpError only on strings with certain characters	duerst (Martin Dürst)	01/06/2023 01:59 PM
8444	Ruby	Bug	Assigned	Regexp vars \$~ and friends are not thread local	ko1 (Koichi Sasada)	04/03/2024 03:50 AM
18009	Ruby	Bug	Open	Regexps \w and \W with /i option and /u option produce inconsistent results under nested negation and intersection		02/06/2024 08:33 PM
20316	Ruby	Bug	Open	Regexp quantifier behavior changes in different syntactic context.		02/29/2024 05:21 PM
20097	Ruby	Bug	Open	Regexp#match? with empty capture group repeat is inconsistent		12/28/2023 07:43 PM
14364	Ruby	Bug	Open	Regexp last match variable in procs		11/13/2023 07:55 PM
14838	Ruby	Bug	Open	RegexpError with double "s" in look-behind assertion in case-insensitive unicode regexp		06/09/2018 04:04 PM
20464	Ruby	Bug	Open	Redundant returns are unreachable in coverage		05/03/2024 03:50 PM
20917	Ruby	Bug	Open	redo/next in nested begin block causes wrong order of execution		12/02/2024 07:44 PM
20189	Ruby	Bug	Open	`rb_str_resize` does not clear coderange when expanding		01/16/2024 08:29 PM
20998	Ruby	Bug	Open	rb_str_locktmp() changes flags of frozen strings and string literals		05/16/2025 11:23 AM
18492	Ruby	Bug	Open	`rb_rescue2` inside `rb_protect` segfaults on Windows		01/14/2022 03:17 PM
19891	Ruby	Bug	Open	rb_mRubyVMFrozenCore is reported by DTrace but ignored by TracePoint		09/19/2023 07:17 AM
20103	Ruby	Bug	Open	rb_internal_thread_remove_event_hook() hangs when called from within a Thread hook		12/28/2023 03:46 PM
20455	Ruby	Bug	Open	rb_errinfo() inconsistent with \$! in the caller Ruby code		04/25/2024 07:37 PM
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
18473	Ruby	Bug	Open	Raw data in Socket::Option#inspect on Amazon Linux 2		10/17/2024 03:08 AM
20697	Ruby	Bug	Open	`Rational("1r")` fails while `Complex("1i")` succeeds		08/24/2024 01:31 AM
20957	Ruby	Bug	Open	RangeError on Array#values_at with negative ranges		05/08/2025 05:13 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
20472	Ruby	Bug	Assigned	Ractor support for ** into hash literal	ractor	05/08/2025 10:38 PM
21200	Ruby	Bug	Assigned	Ractor spuriously hangs, segfaults or errors on TestEtc#test_ractor_parallel	ractor	05/12/2025 11:16 PM
20112	Ruby	Bug	Assigned	Ractors not working properly in ruby 3.3.0	ractor	05/08/2025 10:38 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
21007	Ruby	Bug	Assigned	Ractor scheduler issue when multiple threads in a ractor	ractor	05/12/2025 11:16 PM
19112	Ruby	Bug	Assigned	Ractor garbage collection breaks/disables all active tracepoints	ractor	05/12/2025 11:16 PM
17359	Ruby	Bug	Assigned	Ractor copy mode is not Ractor-safe	ractor	05/08/2025 10:38 PM
20473	Ruby	Bug	Assigned	Ractor array/hash literals	ractor	05/12/2025 11:16 PM
20158	Ruby	Bug	Assigned	Ractor affects Coverage results	ractor	05/08/2025 10:38 PM
10128	Ruby	Bug	Assigned	Quoting problem for arguments of Kernel.system, Kernel.exec on Windows	windows	04/03/2024 03:50 AM
20315	Ruby	Bug	Open	Quantifier expansion leads to different results in Regexp.		02/29/2024 04:59 PM

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17774	Ruby	Bug	Open	Quantified empty group causes regex to fail		10/13/2021 04:43 PM
21119	Ruby	Bug	Open	Programs containing `Dir.glob` with a thread executing a CPU-heavy task run very slowly.		02/13/2025 09:29 AM
20471	Ruby	Bug	Open	Problem creating a file on a windows share and copy it afterwards		05/15/2024 12:06 PM
20776	Ruby	Bug	Assigned	[PRISM] Pattern matching syntax error message	prism	11/13/2024 05:16 AM
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
21188	Ruby	Bug	Assigned	PRISM does not end reading from tty with ^D twice	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
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
21291	Ruby	Bug	Open	possible bug with /m regexp and \$ based on input		04/29/2025 12:56 AM
7968	Ruby	Bug	Assigned	Poor UDPSocket#send performance in ruby 2.0.0 on windows	windows	11/16/2023 01:24 PM
21201	Ruby	Bug	Open	Performance regression when defining methods inside `refine` blocks		04/07/2025 02:43 PM
17925	Ruby	Bug	Open	Pattern matching syntax using semicolon one-line		09/22/2023 01:11 PM
15263	Ruby	Bug	Assigned	[PATCH] vm_trace.c (postponed_job_register): only hit main thread	ko1 (Koichi Sasada)	04/03/2024 03:50 AM
15310	Ruby	Bug	Open	[PATCH] thread_pthread.c: close race from UBF_TIMER and non-GVL-releasing thread		11/20/2018 12:50 AM
15386	Ruby	Bug	Open	[PATCH] io.c (rb_io_check_char_readable): do not io_fflush buffered sockets		12/06/2018 11:38 AM
18878	Ruby	Bug	Assigned	parse.y: Foo::Bar {} is inconsistently rejected	ydah (Yudai Takada)	05/07/2025 06:07 AM
20465	Ruby	Bug	Open	parse.y adds an extra empty string to the AST		05/07/2024 04:03 AM
12582	Ruby	Bug	Assigned	OpenSSL Authenticated Encryption should check for tag length	rhenium (Kazuki Yamaguchi)	04/28/2017 01:45 PM
20699	Ruby	Bug	Open	On Windows, the `__dir__` keyword is garbled in paths containing Japanese characters, and `require_relative` fails as well		01/07/2025 07:15 AM
12506	Ruby	Bug	Assigned	On cygwin, Feature #5994 does not work	cygwin	05/19/2022 08:20 AM
19922	Ruby	Bug	Open	ObjectSpace.dump_all in multiple threads in parallel causes SEGV		11/13/2023 08:21 AM
21298	Ruby	Bug	Assigned	`ObjectSpace.allocation_class_path` returns inconsistent results depending on `TracePoint` state	tenderlovemaking (Aaron Patterson)	05/12/2025 11:16 PM
19017	Ruby	Bug	Open	Net::HTTP may block when attempting to reuse a persistent connection		09/24/2022 10:14 PM
19609	Ruby	Bug	Open	net/http ignores open_timeout, read_timeout on Windows		04/20/2023 01:27 PM
21104	Ruby	Bug	Open	Net::HTTP connections failing in Ruby >= 3.4.0 on macOS with Happy Eyeballs enabled		05/05/2025 08:24 AM
18661	Ruby	Bug	Open	Net::HTTP behavior changed between 2.6 and 3.1 on windows.		03/25/2022 01:57 PM
20462	Ruby	Bug	Assigned	Native threads are no longer reused	ko1 (Koichi Sasada)	07/03/2024 12:11 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
21316	Ruby	Bug	Open	Namespaces leak with permanent names		05/13/2025 11:52 AM
21318	Ruby	Bug	Open	Namespaces leak with Module.nesting		05/10/2025 11:06 AM
21320	Ruby	Bug	Open	Namespaces leak with constant lookup		05/10/2025 12:17 PM

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21343	Ruby	Bug	Open	Namespace: singleton classes of root namespace leak between namespaces		05/16/2025 07:34 AM
21322	Ruby	Bug	Open	Namespaces and builtin classes as arguments and return values		05/13/2025 10:20 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
21324	Ruby	Bug	Open	Namespace loads RubyGems in root Namespace but it should not		05/13/2025 11:40 AM
21341	Ruby	Bug	Open	`Namespace is not a module (TypeError)` without enabling the namespace		05/15/2025 10:07 AM
21330	Ruby	Bug	Open	Namespace: Class and Module frozen status is not namespaced		05/13/2025 12:00 PM
19631	Ruby	Bug	Open	module_eval does not propulate absolute_path for Kernel.caller_locations		05/27/2024 03:41 PM
20243	Ruby	Bug	Open	M:N threading VM_ASSERT failure in rb_current_execution_context with clang 17 (on Linux)		02/07/2024 09:28 AM
17578	Ruby	Bug	Assigned	mkmf experimental C++ Support	nobu (Nobuyoshi Nakada)	01/27/2021 03:51 AM
9760	Ruby	Bug	Open	mkmf does not allow for linking against custom libraries when a system library is present		09/21/2022 10:56 AM
15599	Ruby	Bug	Open	Mixing autoload and require causes deadlock and incomplete definition.		02/12/2019 01:40 PM
20409	Ruby	Bug	Open	Missing reporting some invalid breaks		04/04/2024 03:46 AM
21089	Ruby	Bug	Assigned	Missing methods on enumerators created from Enumerator::product and Enumerator::Chain	knu (Akinori MURASHI)	03/27/2025 01:15 AM
7892	Ruby	Bug	Assigned	MIME encoding bug of NKF.nkf	naruse (Yui NARUSE)	04/03/2024 03:50 AM
19165	Ruby	Bug	Open	Method (with no param) delegation with *, **, and ... is slow		01/16/2025 11:04 PM
20009	Ruby	Bug	Open	Marshal.load raises exception when load dumped class include non-ASCII		05/16/2025 12:15 PM
19869	Ruby	Bug	Open	Mark skipped test somehow		09/08/2023 03:37 PM
19984	Ruby	Bug	Assigned	`make test-bundler-parallel` fails with `--enable-shared`	hsbt (Hiroshi SHIBATA)	10/08/2024 11:29 AM
17792	Ruby	Bug	Open	make notes and make test fail with Ruby3.0.1p64 RaspberryPI 4B Ubuntu 20.10 ARM64		05/23/2021 08:23 PM
20560	Ruby	Bug	Assigned	make install - skipped bundled gems - minor issue	hsbt (Hiroshi SHIBATA)	09/27/2024 05:30 AM
18506	Ruby	Bug	Open	make and make install rebuild items every time unnecessarily - sometimes causing races in parallel installs		01/21/2022 01:46 PM
20591	Ruby	Bug	Open	macOS head - all are using OpenSSL 1.1.1?		06/22/2024 12:01 AM
21295	Ruby	Bug	Open	macos-13 debug build failures		04/30/2025 07:25 PM
16819	Ruby	Bug	Assigned	Line reporting off by one when reporting line of a hash?	ko1 (Koichi Sasada)	06/16/2020 05:57 PM
19251	Ruby	Bug	Open	Limit amount of test failures due to updates of tzdata		12/22/2022 08:19 AM
19313	Ruby	Bug	Open	Leaked file descriptors while running test-all		02/27/2023 11:25 PM
21142	Ruby	Bug	Open	Lazy enumerator `.each_with_index` ignores `.take(0)` before it		03/14/2025 08:07 AM
20082	Ruby	Bug	Assigned	Killing fibers across threads: unexpected exception	ioquatix (Samuel Williams)	04/03/2024 03:50 AM
21314	Ruby	Bug	Open	Kernel#autoload requires the wrong file (?)		05/09/2025 03:52 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

#	Project	Tracker	Status	Subject	Assignee	Updated
21313	Ruby	Bug	Assigned	`it` in rescue/ensure on prism	prism	05/16/2025 05:03 AM
19364	Ruby	Bug	Assigned	Issue with tracepoint enable/disable across ractors	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
21323	Ruby	Bug	Open	irb fails to start with Namespace		05/10/2025 12:32 PM
20889	Ruby	Bug	Open	IO#ungetc and IO#ungetbyte should not cause IO#pos to report an inaccurate position		11/12/2024 02:32 PM
18995	Ruby	Bug	Open	IO#set_encoding sometimes set an IO's internal encoding to the default external encoding		05/05/2024 03:20 PM
15367	Ruby	Bug	Open	IO.select is not resumed when io-object gets closed		12/03/2018 10:22 AM
20919	Ruby	Bug	Open	IO#seek and IO#pos= do not clear the character buffer in some cases while transcoding		04/14/2025 06:42 PM
20819	Ruby	Bug	Open	IO#readline does not process newlines correctly for wide character encodings		10/29/2024 01:44 AM
20696	Ruby	Bug	Open	IO.read ignores `err:` option		08/23/2024 11:41 PM
20067	Ruby	Bug	Open	IO.pipe `int_enc` and `ext_enc` not working as documented?		12/19/2023 12:23 PM
10009	Ruby	Bug	Assigned	IO operation is 10x slower in multi-thread environment	ko1 (Koichi Sasada)	04/03/2024 03:50 AM
8445	Ruby	Bug	Assigned	IO.open and IO#set_encoding does not support :fallback option	akr (Akira Tanaka)	11/13/2023 07:29 PM
19192	Ruby	Bug	Open	IO has third data mode, document is incomplete.		12/11/2022 08:41 PM
16997	Ruby	Bug	Open	IO#gets converts some \r\n to \n with universal_newline: false		08/26/2020 05:20 PM
18255	Ruby	Bug	Open	ioctl zeroes the last buffer byte		10/25/2021 08:13 AM
18455	Ruby	Bug	Assigned	IO#close has poor performance and difficult to understand semantics.	ioquatix (Samuel Williams)	09/20/2024 12:27 AM
21210	Ruby	Bug	Open	IO::Buffer gets invalidated on GC compaction		04/02/2025 02:40 AM
21212	Ruby	Bug	Assigned	IO::Buffer can be freed while its slice is locked	ioquatix (Samuel Williams)	05/12/2025 11:16 PM
18804	Ruby	Bug	Open	Invalid line number for putnil instruction		05/25/2022 09:22 AM
20395	Ruby	Bug	Open	Invalid license note in vsnprintf.c		03/27/2024 06:31 PM
21301	Ruby	Bug	Open	Invalid Dates Accepted When Using "UTC" in Time.new		05/04/2025 02:05 AM
18601	Ruby	Bug	Assigned	Invalid byte sequences in Big5 encodings	duerst (Martin Dürst)	04/03/2024 03:50 AM
20466	Ruby	Bug	Open	Interpolated regular expressions have different encoding than interpolated strings		05/02/2024 06:13 PM
19231	Ruby	Bug	Open	Integer#step and Float::INFINITY - inconsistent behaviour when called with and without a block		08/01/2024 05:58 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
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
18507	Ruby	Bug	Open	Incorrect target_os detection in configure script		01/25/2022 08:57 AM
17400	Ruby	Bug	Assigned	Incorrect character downcase for Greek Sigma	duerst (Martin Dürst)	04/03/2024 03:50 AM
19598	Ruby	Bug	Open	Inconsistent behaviour of TracePoint API		04/14/2023 10:42 AM
17990	Ruby	Bug	Open	Inconsistent behavior of Regexp quantifiers over characters with complex case foldings		06/15/2021 11:59 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
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
21333	Ruby	Bug	Open	heap-use-after-free caused by rehash during update		05/15/2025 04:07 AM
20456	Ruby	Bug	Open	Hash can get stuck marked as iterating through process forking		04/26/2024 10:06 AM
20714	Ruby	Bug	Assigned	Handle optional dependencies in `bundled_gems.rb`	hsbt (Hiroshi SHIBATA)	02/20/2025 04:44 PM
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
19470	Ruby	Bug	Open	Frequent small range-reads from and then writes to a large array are very slow		03/07/2023 07:27 AM
20147	Ruby	Bug	Open	FreeBSD libyaml		12/31/2024 12:02 AM
15423	Ruby	Bug	Open	fork leapfrog leaks memory on FreeBSD 11.2		12/16/2018 02:28 PM
17516	Ruby	Bug	Assigned	forking in a ractor causes Ruby to crash	ractor	05/08/2025 10:38 PM
18152	Ruby	Bug	Open	Fix theoretical bug with signals + qsort		09/08/2021 03:38 PM
19363	Ruby	Bug	Assigned	Fix rb_transient_heap_mark: wrong header (T_STRUCT) segfault	mame (Yusuke Endoh)	04/03/2024 03:50 AM
20958	Ruby	Bug	Open	fix ENV.keys encoding on windows		01/07/2025 07:19 AM
21315	Ruby	Bug	Assigned	Finalizers violate the `rb_ractor_confirm_belonging` assertion	ractor	05/15/2025 07:40 PM
13151	Ruby	Bug	Open	File.writable? doesn't report correctly if a directory is writable on Windows.		01/23/2017 05:46 PM
20526	Ruby	Bug	Open	File.open(encoding: "bom utf-8") converts "\r\n" to "\n" on Windows		01/07/2025 07:14 AM
20346	Ruby	Bug	Assigned	FiberScheduler.unblock not called by Thread#join when Thread body contains Ractor.take	ractor	05/12/2025 11:16 PM
21166	Ruby	Bug	Assigned	Fiber Scheduler is unable to be interrupted by `IO#close`.	ioquatix (Samuel Williams)	05/13/2025 01:54 PM
21198	Ruby	Bug	Open	Fiber::Scheduler#blocking_operation_wait crash due to stack-use-after-return		03/27/2025 05:21 AM
20089	Ruby	Bug	Assigned	Fiber#kill transfers to root fiber	ioquatix (Samuel Williams)	09/20/2024 12:27 AM
18605	Ruby	Bug	Open	Fails to run on (newer) 32bit Windows with ucrt		02/11/2025 11:42 PM
16829	Ruby	Bug	Open	Exceptions raised from within an enumerated method lose part of their stacktrace		05/20/2022 07:25 PM
19970	Ruby	Bug	Open	Eval leaks callcache and callinfo objects on arm32 (linux)		02/12/2024 03:29 AM
11840	Ruby	Bug	Assigned	Error with "make check" on Cygwin	cygwin	04/03/2024 03:50 AM
18338	Ruby	Bug	Open	Encoding.default_external = Encoding::UTF_16BE may add a wrongly-encoded string to \$LOADED_FEATURES		11/15/2021 07:32 AM
15315	Ruby	Bug	Assigned	ec_switch can still lose interrupts	ko1 (Koichi Sasada)	04/03/2024 03:50 AM
19297	Ruby	Bug	Open	Don't download content from internet to execute Ruby test suite		09/06/2023 01:03 PM
18923	Ruby	Bug	Open	Dir.glob Errno::ENAMETOOLONG - Caused by outdated logic in open_dir_handle (win32.c)		07/17/2022 08:33 PM
11808	Ruby	Bug	Assigned	Different behavior between Enumerable#grep and Array#grep	ko1 (Koichi Sasada)	04/03/2024 03:50 AM

#	Project	Tracker	Status	Subject	Assignee	Updated
20874	Ruby	Bug	Open	Difference in documentation for `irb -U` between `man irb` and `irb --help`		11/06/2024 05:45 AM
6360	Ruby	Bug	Assigned	Debug information build even without requesting it	nobu (Nobuyoshi Nakada)	11/13/2023 07:21 PM
19557	Ruby	Bug	Open	Deadlock on STDOUT(ERR) lock on signal handler		03/29/2023 08:27 AM
15598	Ruby	Bug	Open	Deadlock on mutual reference of autoloaded constants		03/20/2019 10:58 AM
21329	Ruby	Bug	Open	`date_core.so` is broken with the recent MSYS2 update		05/14/2025 06:50 PM
13999	Ruby	Bug	Assigned	Cygwin  ripper_state_lex.rb	cygwin	05/19/2022 08:20 AM
9409	Ruby	Bug	Assigned	Cygwin  "filesystem"  encoding	cygwin	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
21265	Ruby	Bug	Open	Crash when proc from Symbol#to_proc called outside refinement scope		04/11/2025 09:39 AM
21345	Ruby	Bug	Open	crash on evaluating 'a=>a,*,'	prism	05/16/2025 06:47 PM
20948	Ruby	Bug	Assigned	Constant references incorrectly cached in `module (expr)::Foo`	ko1 (Koichi Sasada)	12/14/2024 10:48 PM
20943	Ruby	Bug	Open	Constant defined in `Data.define` block		12/30/2024 10:35 AM
9010	Ruby	Bug	Assigned	./configure --prefix= cannot handle directories with spaces	nobu (Nobuyoshi Nakada)	11/13/2023 07:46 PM
20047	Ruby	Bug	Open	ConditionVariable#wait has spurious wakeups from signal traps		12/07/2023 01:09 PM
20480	Ruby	Bug	Open	Complie failure for unable to configure NET_LUID using msys2 mingw64-gcc		01/10/2025 03:52 AM
20881	Ruby	Bug	Assigned	Complex#** returns discontinuous results in Fixnum and Bignum exponents	mrkn (Kenta Murata)	11/13/2024 05:16 AM
17931	Ruby	Bug	Open	Compile fails setup option nodynamic		07/07/2021 08:51 AM
11142	Ruby	Bug	Assigned	Command line argument parser on windows handles double quotes inconsistently.	usa (Usaku NAKAMURA)	04/03/2024 03:50 AM
20146	Ruby	Bug	Assigned	Code using Ractor with env `RUBY_MAX_CPU=1` ends with unreachable	ractor	05/08/2025 10:38 PM
20167	Ruby	Bug	Assigned	Code execution isn't recorded in Ractor	ractor	05/12/2025 11:16 PM
19039	Ruby	Bug	Open	Closing an IO being select'ed in another thread does not resume the thread		10/06/2022 05:30 AM
21272	Ruby	Bug	Open	Class.new doesn't trigger :class TracePoint		04/26/2025 06:25 PM
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
18010	Ruby	Bug	Open	Character class with single character gets case-folded with following string		06/28/2021 09:30 AM
21108	Ruby	Bug	Assigned	C-c (SIGINT) crashes ruby when looping Ractors are not taken?	ractor	05/12/2025 11:16 PM
17989	Ruby	Bug	Open	Case insensitive Regexps do not handle characters with overlapping case foldings		06/15/2021 11:43 AM
18012	Ruby	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
19413	Ruby	Bug	Open	Can't move object when 2 ivars refer to same object		02/04/2023 10:15 PM
21255	Ruby	Bug	Assigned	Can't build Ruby with Windows SDK 10.0.26100	windows	04/08/2025 10:43 AM
19473	Ruby	Bug	Open	can't be called from trap context (ThreadError) is too limiting		04/24/2025 10:09 AM

#	Project	Tracker	Status	Subject	Assignee	Updated
18476	Ruby	Bug	Open	Call to require stuck forever after receiving EAGAIN on writev when running with zeus		02/28/2022 02:55 PM
21293	Ruby	Bug	Open	C23/GCC 15 build breakage with rb_define_method() and friends		05/01/2025 06:42 AM
21340	Ruby	Bug	Open	Bump autoconf version to properly handle C23 bool/stdbool defines		05/16/2025 10:18 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
20733	Ruby	Bug	Open	Build failure OpenSSL extension with FreeBSD 13.3		10/08/2024 08:37 AM
9189	Ruby	Bug	Open	Build failure on Windows in case of nonascii TEMP environment.		04/03/2024 03:24 AM
12179	Ruby	Bug	Open	Build failure due to VPATH expansion		04/14/2016 01:55 AM
20283	Ruby	Bug	Open	Build failed since Ruby 3.2.3 if Xcode.app was renamed to space contained name.		02/20/2024 07:14 AM
20419	Ruby	Bug	Open	[BUG] inconsistent freelist length with cppflags='-DRGENGC_CHECK_MODE -DUSE_RUBY_DEBUG_LOG=1'		04/10/2024 12:08 AM
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
19981	Ruby	Bug	Assigned	bootstrap/test_ractor.rb: Segmentation fault on arm32	ractor	05/12/2025 11:16 PM
17882	Ruby	Bug	Assigned	bootstrap/test_ractor.rb:224 segfaults on Cygwin	cygwin	05/19/2022 08:20 AM
17878	Ruby	Bug	Assigned	bootstrap/test_ractor.rb:224 a random failing test with "The outgoing-port is already closed (Ractor::ClosedError)"	ractor	05/08/2025 10:38 PM
20269	Ruby	Bug	Open	bignum too big to convert into `long` when running String#byteslice on Windows		02/16/2024 09:55 AM
18677	Ruby	Bug	Assigned	BigDecimal#power (**) returns FloatDomainError when passing an infinite parameter	mrkn (Kenta Murata)	04/20/2022 02:04 AM
20420	Ruby	Bug	Assigned	benchmark/gc/redblack.rb license clarification	ko1 (Koichi Sasada)	09/20/2024 12:27 AM
19044	Ruby	Bug	Open	Attempting to compile a static ruby 3.1 fails with MinGW		10/09/2022 12:24 PM
13164	Ruby	Bug	Open	A second `SystemStackError` exception results in `Segmentation fault (core dumped)`		04/14/2017 01:05 PM
19384	Ruby	Bug	Open	ASCII 128..154 characters in IO.popen or %x output do not reflect the proper encoding in Windows		01/26/2023 09:17 PM
20041	Ruby	Bug	Assigned	Array destructuring and default values in parameters	tenderlovemaking (Aaron Patterson)	04/03/2024 03:50 AM
18396	Ruby	Bug	Open	An unexpected "hash value omission" syntax error when without parentheses call expr follows		03/29/2022 09:58 PM
20079	Ruby	Bug	Open	alexandria testsuite began to segfault recently		07/27/2024 11:03 PM
19761	Ruby	Bug	Open	AddressSanitizer fails with Thread and Process		08/20/2023 03:37 AM
18131	Ruby	Bug	Open	addr2line.c: Some inlined functions mistakenly shown		08/24/2021 07:59 PM
20888	Ruby	Bug	Assigned	4c270200db breaks TestGemRemoteFetcherLocalSSLServer tests or so	shioimm (Misaki Shioi)	12/06/2024 05:51 AM
20904	Ruby	Bug	Open	3.4.0-preview2: Building miniruby.exe fails for mswin32		12/11/2024 01:58 AM
19407	Ruby	Bug	Assigned	2 threads taking from current ractor will hang forever	ractor	05/08/2025 10:38 PM
8061	Ruby	Feature	Assigned	□□□□□□□□□□□□□□	matz (Yukihiro Matsumoto)	04/03/2024 03:50 AM

#	Project	Tracker	Status	Subject	Assignee	Updated
9816	Ruby	Feature	Assigned	XXXXXXXXXXXXXXXXXXXX	matz (Yukihiko Matsumoto)	10/28/2014 08:29 AM
14800	Ruby	Feature	Open	Zlib::GzipReader#read does not support 2nd argument		08/26/2019 07:49 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
14625	Ruby	Feature	Open	yield_self accepts an argument, calling to_proc		03/30/2018 06:52 AM
9401	Ruby	Feature	Open	Yet another syntax for literal anonymous functions (lambdas)		12/23/2021 11:43 PM
7788	Ruby	Feature	Assigned	YAML Tag Schema Support	tenderlovemaking (Aaron Patterson)	04/03/2024 03:50 AM
19604	Ruby	Feature	Open	XOAUTH2 support in net-pop		04/17/2023 03:28 PM
11781	Ruby	Feature	Open	Would it be possible to alias .prepend() towards .unshift() for class Array by default?		12/09/2015 12:46 PM
16128	Ruby	Feature	Open	Would it be possible for ruby to warn about case/when menu options separated by a trailing, but accidental ' '?		08/26/2019 09:56 AM
14723	Ruby	Feature	Open	[WIP] sleepy GC		05/18/2018 09:13 AM
21277	Ruby	Feature	Assigned	Windows ARM support	hsbt (Hiroshi SHIBATA)	05/12/2025 11:16 PM
14348	Ruby	Feature	Open	win32ole: enable using coclass-es with multiple IDispatch implementations		01/10/2018 11:35 AM
9909	Ruby	Feature	Open	why shouldn't constant lookup check the nesting of module's name		06/07/2014 02:18 AM
17550	Ruby	Feature	Open	Why no function to get all subdirectories of a directory?		01/18/2021 08:57 AM
18291	Ruby	Feature	Open	When use =~ with named group, if regex is on the right side, variable not defined.		11/06/2021 12:36 PM
16971	Ruby	Feature	Open	weak_ref&.some_method should behave like object&.some_method		06/19/2020 03:17 PM
15817	Ruby	Feature	Open	Warnings for undef_method and remove_method on initialize()		05/02/2019 09:11 AM
16755	Ruby	Feature	Open	warning: `if' at the end of line without an expression		04/03/2020 11:28 PM
10728	Ruby	Feature	Open	Warning for Fixnum#size to use RbConfig::SIZEOF['long']		01/11/2015 04:23 PM
9613	Ruby	Feature	Open	Warn about unsafe openssl ciphers		09/13/2015 03:27 AM
6613	Ruby	Feature	Assigned	VT_RECORD, IRecordInfo Support in WIN32OLE	suke (Masaki Suketa)	12/25/2017 06:15 PM
12589	Ruby	Feature	Open	VM performance improvement proposal		02/20/2018 05:00 AM
8404	Ruby	Feature	Open	virtual, hooked or read only global variables for ruby only code too		05/14/2013 09:19 PM
14602	Ruby	Feature	Open	Version of dig that raises error if a key is not present		08/02/2024 01:21 PM
18376	Ruby	Feature	Open	Version comparison API		12/30/2021 10:33 AM
12114	Ruby	Feature	Open	\$VERBOSE = true is being ignored		02/26/2016 02:00 PM
9174	Ruby	Feature	Open	value receiving block for Hash#has_key?		11/29/2013 06:33 AM
14079	Ruby	Feature	Open	Validate argument list without calling method		11/07/2017 03:20 AM
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

#	Project	Tracker	Status	Subject	Assignee	Updated
12086	Ruby	Feature	Open	using: option for instance_eval etc.		12/29/2019 07:46 PM
12435	Ruby	Feature	Open	Using connect_nonblock to open TCP connections in Net::HTTP#connect		06/06/2016 12:42 AM
12653	Ruby	Feature	Assigned	Use wide WinAPI for rb_w32_getcwd	usa (Usaku NAKAMURA)	09/12/2016 06:35 AM
10371	Ruby	Feature	Open	Use Thread#handle_interrupt in MonitorMixin		12/23/2021 11:43 PM
16684	Ruby	Feature	Open	Use the word "to" instead of "from" in backtrace		04/10/2020 07:58 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
12928	Ruby	Feature	Open	Use socket connect_timeout in net stdlib for open_timeout		12/02/2019 09:20 PM
18369	Ruby	Feature	Open	users.detect(:name, "Dorian") as shorthand for users.detect {  user  user.name == "Dorian" }		12/03/2021 02:23 PM
10755	Ruby	Feature	Open	Use rb_define_alias instead of rb_define_method for rb_cHash		07/27/2021 11:09 AM
14718	Ruby	Feature	Open	Use jemalloc by default?		03/25/2020 06:38 PM
13881	Ruby	Feature	Open	Use getcontext/setcontext on OS X		09/08/2017 09:13 AM
19022	Ruby	Feature	Open	Use __builtin_ppc_get_timebase on POWER with clang		10/06/2022 02:49 PM
10251	Ruby	Feature	Open	URI: Support wildcards (globbing) in no_proxy		12/16/2015 05:22 AM
14411	Ruby	Feature	Open	URI#secure?		02/11/2018 03:44 PM
19915	Ruby	Feature	Open	URI::HTTP.build accepts user: and password: keyboard arguments, but do not populate #user or #password		10/09/2023 10:48 PM
21275	Ruby	Feature	Assigned	Update to Unicode 17.0	duerst (Martin Dürst)	05/12/2025 11:16 PM
21005	Ruby	Feature	Open	Update the source location method to include line start/stop and column start/stop details		01/09/2025 02:36 PM
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
11690	Ruby	Feature	Open	Update Hash during multiple assignment		12/10/2015 12:26 PM
17562	Ruby	Feature	Open	Update -E option in --help		01/19/2021 05:38 PM
15413	Ruby	Feature	Open	unmarkable C stack (3rd stack)		12/15/2018 01:13 AM
11625	Ruby	Feature	Open	Unlock GVL for SHA1 calculations		04/03/2024 03:23 AM
15781	Ruby	Feature	Open	Unify Method List Introspection?		04/21/2019 11:16 PM
17825	Ruby	Feature	Open	Uniformize Float::INFINITY and Date::infinity.new		05/04/2021 01:43 AM
19317	Ruby	Feature	Assigned	Unicode ICU Full case mapping	duerst (Martin Dürst)	01/08/2023 01:54 PM
10879	Ruby	Feature	Open	UnboundMethod#to_proc		02/21/2015 07:56 PM
17950	Ruby	Feature	Open	Unable to pattern-match against a String key		06/15/2021 11:42 AM
19064	Ruby	Feature	Open	UDPSocket#bind does not take AddrInfo, despite documentation saying it should		11/07/2022 05:15 PM
12625	Ruby	Feature	Open	TypeError.assert, ArgumentError.assert		08/10/2016 04:36 AM
16471	Ruby	Feature	Open	Two feature requests for WeakRef: get original object, callback feature		01/02/2020 03:44 PM
17566	Ruby	Feature	Open	Tune thread QoS / efficiency on macOS		11/26/2024 05:07 PM
20742	Ruby	Feature	Open	Trying to assign to a variable in statement modifier should emit a warning		09/17/2024 02:39 PM

#	Project	Tracker	Status	Subject	Assignee	Updated
13763	Ruby	Feature	Open	Trigger "unused variable warning" for unused variables in parameter lists		11/28/2017 04:49 AM
10237	Ruby	Feature	Open	Transform all elements of one Encoding into another Encoding for Array and Hash		01/05/2018 09:01 PM
8272	Ruby	Feature	Open	Transfer feature tracking to CommonRuby		12/23/2021 11:40 PM
15031	Ruby	Feature	Open	T_RANGE for testing whether object is a Range		08/27/2018 11:45 AM
15854	Ruby	Feature	Assigned	Tracing instance variable assignment	ko1 (Koichi Sasada)	03/18/2025 01:06 PM
10589	Ruby	Feature	Open	[TracePoint API] Make THREAD_{BEGIN, END} events return some context information		12/11/2014 04:27 PM
16673	Ruby	Feature	Open	total_timeout for Net::HTTP		03/07/2020 06:25 AM
19931	Ruby	Feature	Open	to_int is not for implicit conversion?		11/29/2023 03:22 PM
10238	Ruby	Feature	Assigned	todo: remove dependency on malloc_usable_size	ko1 (Koichi Sasada)	04/03/2024 03:50 AM
10519	Ruby	Feature	Open	TLS Renegotiation		09/13/2015 03:29 AM
16637	Ruby	Feature	Open	Time#to_s and Date#to_s accept strftime format string		02/17/2020 09:46 PM
12173	Ruby	Feature	Open	`Time#till_now`		03/16/2016 10:19 AM
17363	Ruby	Feature	Assigned	Timeouts	ko1 (Koichi Sasada)	05/14/2022 09:06 AM
10949	Ruby	Feature	Open	Time is WB unprotected		07/23/2015 05:55 PM
6694	Ruby	Feature	Assigned	Thread.new without block.	ko1 (Koichi Sasada)	12/25/2017 06:15 PM
10658	Ruby	Feature	Open	ThreadGroup local variables		01/28/2016 07:20 AM
19452	Ruby	Feature	Open	`Thread::Backtrace::Location` should have column information if possible.		05/23/2023 05:04 PM
9755	Ruby	Feature	Assigned	Thread::Backtrace::Location#defined_class	ko1 (Koichi Sasada)	04/18/2014 09:22 AM
10175	Ruby	Feature	Open	There's no reason to prefer Proc.new over Kernel#proc anymore		11/10/2014 11:07 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
14601	Ruby	Feature	Open	test-all & ruby/test_m17n_comb.rb - fixup		08/26/2019 07:30 PM
4592	Ruby	Feature	Assigned	Tempfile	matz (Yukihiko Matsumoto)	12/25/2017 06:14 PM
3953	Ruby	Feature	Assigned	TCPsocket / UDPSocket do not accept IPAddr objects.	knu (Akinori MURASHI)	12/25/2017 06:14 PM
8896	Ruby	Feature	Open	#tap with missing block		12/23/2021 11:43 PM
18136	Ruby	Feature	Open	take_while_after		02/23/2023 08:02 PM
11428	Ruby	Feature	Open	system/exec/etc. should to_s their argument to restore Pathname functionality as it was in 1.8		11/06/2016 02:17 AM
11939	Ruby	Feature	Open	Syntax sugar to apply a method replace a variable		01/04/2016 09:49 AM
20093	Ruby	Feature	Open	Syntax or keyword to reopen existing classes/modules, never to define new classes/modules		12/29/2023 05:50 AM
9686	Ruby	Feature	Open	Syntax for symbols used in hashes		12/23/2021 11:43 PM
8848	Ruby	Feature	Open	Syntax for binary strings		12/23/2021 11:43 PM

#	Project	Tracker	Status	Subject	Assignee	Updated
20278	Ruby	Feature	Open	syntax error, unexpected local variable or method, expecting ')' (SyntaxError) - but I think it should report that a ',' is missing, or alternatively, that suggesting ')' is the most likely cause but not always (e. g. reword it a bit)		03/04/2024 05:23 PM
20024	Ruby	Feature	Open	SyntaxError subclasses		01/10/2024 10:46 PM
13645	Ruby	Feature	Open	Syntactic sugar for indexing when using the safe navigation operator		04/16/2019 03:00 PM
12129	Ruby	Feature	Open	syntactic sugar for dynamic method dispatch `object_expression.method_name_expression(1, 2)`		03/14/2016 01:35 AM
21020	Ruby	Feature	Assigned	Sync sig directory for prism of default gem.	prism	02/13/2025 06:13 PM
8961	Ruby	Feature	Open	Synchronizable module to easily wrap methods in a mutex		12/23/2021 11:43 PM
7795	Ruby	Feature	Assigned	Symbol.defined? and/or to_existing_symbol	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
16102	Ruby	Feature	Open	`Symbol#call`		09/12/2019 09:25 AM
20564	Ruby	Feature	Open	Switch default parser to Prism		12/24/2024 02:41 PM
5825	Ruby	Feature	Assigned	Sweet instance var assignment in the object initializer	matz (Yukihiko Matsumoto)	10/12/2023 02:41 AM
19322	Ruby	Feature	Open	Support spawning "private" child processes		02/13/2023 01:01 AM
14393	Ruby	Feature	Open	Support sending file descriptors (on local machine) via DRb UNIX		01/24/2018 08:58 PM
19125	Ruby	Feature	Open	Support SafeStack		11/12/2022 01:49 AM
18259	Ruby	Feature	Open	Support quarter spec %q in Time#strftime		10/21/2021 12:15 PM
19099	Ruby	Feature	Open	Support `private_constant` for an undefined constant		11/30/2022 05:55 PM
19179	Ruby	Feature	Open	Support parsing SCM_CRED(ENTIALS) messages from ancillary messages		02/13/2023 12:44 AM
17047	Ruby	Feature	Open	Support parameters for MAIL FROM and RCPT TO		12/06/2021 08:16 PM
11665	Ruby	Feature	Open	Support nested functions for better code organization		11/16/2016 03:06 PM
17151	Ruby	Feature	Open	Support multiple builtin ruby code for implimatation in Ruby & C		09/05/2020 01:41 AM
17844	Ruby	Feature	Open	Support list of methods to test with respond_to?		05/06/2021 07:00 PM
14550	Ruby	Feature	Open	Support keyword arguments with Date#step		02/26/2018 03:58 AM
12858	Ruby	Feature	Open	Supporting batch-requiring of files in ruby		10/23/2016 08:05 AM
7708	Ruby	Feature	Open	support for patches list		12/25/2017 06:15 PM
9830	Ruby	Feature	Assigned	Support for GOST private/public keys	rhenium (Kazuki Yamaguchi)	11/29/2022 01:48 AM
11539	Ruby	Feature	Open	Support explicit declaration of volatile instance variables		01/26/2021 03:30 PM
9445	Ruby	Feature	Open	Support emitting 1.9 Symbol keyword Hash syntax when pretty printing Hashes		01/24/2014 06:01 AM
8263	Ruby	Feature	Assigned	Support discovering yield state of individual Fibers	ko1 (Koichi Sasada)	12/23/2021 11:40 PM
15024	Ruby	Feature	Open	Support block in Array#join		08/25/2018 05:05 AM
17638	Ruby	Feature	Assigned	Support backtracing with the libbacktrace library	naruse (Yui NARUSE)	03/05/2021 03:40 PM
17616	Ruby	Feature	Open	Support backtracing on Linux with non-GNU-libc + libunwind		02/09/2021 01:12 PM

#	Project	Tracker	Status	Subject	Assignee	Updated
19708	Ruby	Feature	Open	Support `attr_reader :foo?`		06/22/2023 12:42 AM
14164	Ruby	Feature	Open	[Suggestion] Type system for ruby 3x to be usable for e. g. rubocop or autogenerating crystal code and so forth		08/12/2019 08:15 AM
21300	Ruby	Feature	Open	Suggestion: Method for Array truncation		05/02/2025 09:38 AM
17627	Ruby	Feature	Open	Suggestion: Implement `freeze_values` instance method on collection-like classes.		02/16/2021 07:58 PM
16638	Ruby	Feature	Open	Structured Data for Syslog		02/17/2020 07:06 PM
10585	Ruby	Feature	Open	struct: speedup struct.attr = v for first 10 attributes and struct[:attr] for big structs		06/30/2015 08:18 PM
12416	Ruby	Feature	Open	struct rb_id_table lacks mark function		09/22/2020 07:43 PM
7349	Ruby	Feature	Assigned	Struct#inspect needs more meaningful output	matz (Yukihiro Matsumoto)	12/25/2017 06:15 PM
12380	Ruby	Feature	Open	`Struct` as a subclass of `Class`		05/14/2016 08:28 AM
7845	Ruby	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
10331	Ruby	Feature	Open	String#to_r to recognize negative denominators		10/06/2014 02:44 PM
10152	Ruby	Feature	Open	String#strip doesn't remove non-breaking space		04/12/2015 07:36 PM
16666	Ruby	Feature	Open	'string' - 'str' as a shortcut for 'string'.gsub('str', '')?		03/01/2020 08:38 PM
5558	Ruby	Feature	Assigned	String#% strange arity errors	matz (Yukihiro Matsumoto)	12/25/2017 06:15 PM
17771	Ruby	Feature	Open	String#start_with? should not construct MatchData or set \$~		04/02/2021 02:49 PM
15562	Ruby	Feature	Open	`String#split` option to suppress the initial empty substring		01/28/2019 03:32 AM
18597	Ruby	Feature	Open	Strings need a named method like `dup` that doesn't duplicate if receiver is mutable		02/17/2023 06:38 PM
15151	Ruby	Feature	Open	String#slice!(0,..) creates a duplicate of original string		06/20/2019 03:37 PM
6802	Ruby	Feature	Assigned	String#scan should have equivalent yielding MatchData	matz (Yukihiro Matsumoto)	12/25/2017 06:15 PM
9116	Ruby	Feature	Open	String#rsplit missing		04/27/2017 10:00 AM
9807	Ruby	Feature	Open	String.new with block		05/07/2014 05:54 AM
20885	Ruby	Feature	Open	String#gsub?		12/18/2024 05:28 PM
16790	Ruby	Feature	Open	string format and refinements		04/16/2020 03:06 AM
15588	Ruby	Feature	Open	String#each_chunk and #chunks		12/25/2019 04:28 AM
14783	Ruby	Feature	Open	String#chars_at / String#bytes_at		05/24/2018 01:18 PM
17682	Ruby	Feature	Open	String#casecmp performance improvement		03/24/2021 02:29 PM
15899	Ruby	Feature	Open	String#before and String#after		11/04/2019 08:57 PM
19245	Ruby	Feature	Open	Strict mode for Array#pack that doesn't silently truncate numbers that are too large for the given directive		01/20/2023 04:37 AM
15668	Ruby	Feature	Open	stdlib: Date - Time should return the difference in days		03/15/2019 07:09 AM
17148	Ruby	Feature	Open	stdbuf(1) support		09/07/2020 04:12 AM



#	Project	Tracker	Status	Subject	Assignee	Updated
18227	Ruby	Feature	Assigned	Static class initialization.	ioquatix (Samuel Williams)	04/03/2024 03:50 AM
17859	Ruby	Feature	Open	Start IRB when running just `ruby`		02/23/2023 07:53 PM
8619	Ruby	Feature	Open	Standard Profiling API		12/23/2021 11:43 PM
11028	Ruby	Feature	Assigned	standalone running single file ( zipped archives of ruby code) running <b>**without installation**</b> using "gem install ..."	matz (Yukihiro Matsumoto)	04/04/2015 01:44 AM
16511	Ruby	Feature	Open	Staged warnings and better compatibility for keyword arguments in 2.7.1		02/25/2020 06:54 PM
6133	Ruby	Feature	Assigned	SSLSocket shutdown	rhenium (Kazuki Yamaguchi)	11/29/2022 02:07 AM
8688	Ruby	Feature	Open	#sprintf should accept strings as keys		07/26/2013 02:33 AM
14737	Ruby	Feature	Assigned	Split default gems into separate directory structure	hsbt (Hiroshi SHIBATA)	09/02/2020 06:00 PM
15281	Ruby	Feature	Assigned	Speed up Set#intersect with size check.	knu (Akinori MUSA)	08/11/2020 02:43 AM
12639	Ruby	Feature	Assigned	Speed up require in RubyGems by 5x	hsbt (Hiroshi SHIBATA)	07/26/2018 02:12 AM
16451	Ruby	Feature	Open	Special ternary operator for methods ending in `?`		12/26/2019 09:03 PM
19898	Ruby	Feature	Open	Special syntax for instance variable assignment		09/22/2023 03:07 PM
17127	Ruby	Feature	Open	Some TrueClass methods are faster if implemented in Ruby		11/05/2020 07:11 AM
15833	Ruby	Feature	Open	Some refactors for shared-root array		07/29/2019 07:13 AM
11388	Ruby	Feature	Open	SMTP Service Extension for Delivery Status Notifications		02/06/2018 11:37 AM
13174	Ruby	Feature	Open	Smaller id_table on 64bit platform		01/31/2017 02:05 PM
13620	Ruby	Feature	Open	Simplifying MRI's build system: always make install		02/15/2023 07:55 PM
14565	Ruby	Feature	Open	Simpler, one-liner, failsafe require in ruby? [Suggested names: require_failsafe, require_safe, require_try, require_add)		04/03/2025 11:38 AM
14328	Ruby	Feature	Open	SIMD vectorization		07/16/2018 05:12 PM

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