

## Issues

#	Project	Tracker	Status	Subject	Assignee	Updated
4514	Ruby	Feature	Assigned	#deep_clone and #deep_dup for Objects	matz (Yukihiko Matsumoto)	12/25/2017 06:14 PM
4521	Ruby	Feature	Assigned	NoMethodError#message may take very long to execute	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
4592	Ruby	Feature	Assigned	Tempfile	matz (Yukihiko Matsumoto)	12/25/2017 06:14 PM
4818	Ruby	Feature	Assigned	Add method marshalable?	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
4824	Ruby	Feature	Assigned	Provide method Kernel#executed?	matz (Yukihiko Matsumoto)	03/05/2018 04:57 AM
5007	Ruby	Feature	Assigned	Proc#call_under: Unifying instance_eval and instance_exec	matz (Yukihiko Matsumoto)	04/19/2018 07:57 AM
5064	Ruby	Feature	Assigned	HTTP user-agent class	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
5389	Ruby	Feature	Assigned	New method Enumerator#iterate	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
5445	Ruby	Feature	Assigned	Need RUBYOPT -r before ARGV -r	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
5558	Ruby	Feature	Assigned	String#% strange arity errors	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
5643	Ruby	Feature	Assigned	require/load options and binding option	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
5749	Ruby	Feature	Assigned	new method String#match_all needed	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
5781	Ruby	Feature	Assigned	Query attributes (attribute methods ending in `?` mark)	matz (Yukihiko Matsumoto)	01/10/2020 06:34 AM
5825	Ruby	Feature	Assigned	Sweet instance var assignment in the object initializer	matz (Yukihiko Matsumoto)	10/12/2023 02:41 AM
5945	Ruby	Feature	Assigned	Add the ability to mark a at_exit as process-local.	matz (Yukihiko Matsumoto)	10/10/2018 08:29 AM
5970	Ruby	Feature	Assigned	Add Enumerable#join with same semantics as Array#join	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
6293	Ruby	Feature	Assigned	new queue / blocking queues	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
6308	Ruby	Feature	Assigned	Eliminate delegation from WeakRef	matz (Yukihiko Matsumoto)	12/23/2021 11:40 PM
6309	Ruby	Feature	Assigned	Add a reference queue for weak references	matz (Yukihiko Matsumoto)	08/23/2020 09:07 PM
6317	Ruby	Feature	Assigned	Range#cover? Range	matz (Yukihiko Matsumoto)	03/20/2024 12:46 AM
6337	Ruby	Feature	Assigned	FileUtils#sync	matz (Yukihiko Matsumoto)	03/20/2024 12:38 AM
6354	Ruby	Feature	Assigned	Remove escape (break/return/redo/next support) from class/module scope	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
6445	Ruby	Feature	Assigned	request for default length/position on string index	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
6452	Ruby	Feature	Assigned	Allow extend to override class methods	matz (Yukihiko Matsumoto)	12/10/2020 08:53 AM

#	Project	Tracker	Status	Subject	Assignee	Updated
6594	Ruby	Feature	Assigned	Integrated Functor	matz (Yukihiko Matsumoto)	03/20/2024 12:21 AM
6596	Ruby	Feature	Assigned	New method `Array#indexes`	matz (Yukihiko Matsumoto)	07/29/2020 01:41 AM
6611	Ruby	Feature	Assigned	Comments requested on implementation of set_parse_func	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
6641	Ruby	Feature	Assigned	Hash.auto constructor	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
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
6671	Ruby	Feature	Assigned	File.split_all and File.split_root	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
6802	Ruby	Feature	Assigned	String#scan should have equivalent yielding MatchData	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
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
6817	Ruby	Feature	Assigned	Partial application	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
6841	Ruby	Feature	Assigned	Shorthand for Assigning Return Value of Method to Self	matz (Yukihiko Matsumoto)	12/10/2020 08:53 AM
6842	Ruby	Feature	Assigned	Add Optional Arguments to String#strip	matz (Yukihiko Matsumoto)	08/24/2016 05:50 AM
6869	Ruby	Feature	Assigned	Do not treat `__` parameter exceptionally	matz (Yukihiko Matsumoto)	04/03/2024 03:50 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
7121	Ruby	Feature	Assigned	Extending the use of `require`	matz (Yukihiko Matsumoto)	04/03/2024 04:29 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
7149	Ruby	Feature	Assigned	Constant magic for everyone.	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
7314	Ruby	Feature	Assigned	Convert Proc to Lambda doesn't work in MRI	matz (Yukihiko Matsumoto)	05/21/2016 09:15 AM
7349	Ruby	Feature	Assigned	Struct#inspect needs more meaningful output	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
7436	Ruby	Feature	Assigned	Allow for a "granularity" flag for backtrace_locations	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
7503	Ruby	Feature	Assigned	make timeout.rb async-interrupt safe by default	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
7546	Ruby	Feature	Assigned	Change behavior of `Array#slice` for an argument of `Range` class	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
7548	Ruby	Feature	Assigned	Load and Require Callbacks	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
7580	Ruby	Feature	Assigned	Range translation	matz (Yukihiko Matsumoto)	06/11/2018 09:51 AM
7604	Ruby	Feature	Assigned	Make === comparison operator ability to delegate comparison to an argument	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
7614	Ruby	Feature	Assigned	alias_accessor	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
7654	Ruby	Feature	Assigned	Add optional code block to IO::readlines	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

#	Project	Tracker	Status	Subject	Assignee	Updated
7702	Ruby	Feature	Assigned	Remove Proc#binding	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
7704	Ruby	Feature	Assigned	Add a list of enabled (experimental) language features.	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
7748	Ruby	Feature	Assigned	Contextual send	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
7848	Ruby	Feature	Assigned	Restore default state for core ruby objects	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
7883	Ruby	Feature	Assigned	Add Regex#to_proc	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
7914	Ruby	Feature	Assigned	Case for local class methods	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
8016	Ruby	Feature	Assigned	Alias __FILE__ and __LINE__ as methods	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
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
8061	Ruby	Feature	Assigned	□□□□□□□□□□□□□□□□	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
8164	Ruby	Feature	Assigned	Public/Private	matz (Yukihiko Matsumoto)	12/10/2020 08:50 AM
8229	Ruby	Feature	Assigned	extend Hash.include?	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
8232	Ruby	Feature	Assigned	Rudiments of abstract algebra in Ruby	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
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
8536	Ruby	Feature	Assigned	Implement is_numeric? family of methods	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
8663	Ruby	Feature	Assigned	Officialy alias ArgumentError to ArgError	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
8804	Ruby	Feature	Assigned	ONCE syntax	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
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
8850	Ruby	Feature	Assigned	Convert Rational to decimal string	matz (Yukihiko Matsumoto)	12/25/2017 06:15 PM
9023	Ruby	Feature	Assigned	Array#tail	matz (Yukihiko Matsumoto)	12/23/2021 11:40 PM
9043	Ruby	Feature	Assigned	Add String#f method as shortcut for #freeze	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
9070	Ruby	Feature	Assigned	Introduce `---` as synonym of `end` keyword	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
9123	Ruby	Feature	Assigned	Make Numeric#nonzero? behavior consistent with Numeric#zero?	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
9614	Ruby	Feature	Assigned	ordering of non-Hash items which use st_ internally	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
9704	Ruby	Feature	Assigned	Refinements as files instead of modules	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
9768	Ruby	Feature	Assigned	Method that is visible only within a certain module/class	matz (Yukihiko Matsumoto)	04/25/2014 06:43 AM
9816	Ruby	Feature	Assigned	□□□□□□□□□□□□□□□□	matz (Yukihiko Matsumoto)	10/28/2014 08:29 AM
10287	Ruby	Feature	Assigned	rename COLON3 to COLON2_HEAD.	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM

#	Project	Tracker	Status	Subject	Assignee	Updated
10404	Ruby	Feature	Assigned	Allow individual finalizers to be removed with ObjectSpace.undefine_finalizer	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
10481	Ruby	Feature	Assigned	Add "if" and "unless" clauses to rescue statements	matz (Yukihiko Matsumoto)	01/18/2015 02:46 PM
10489	Ruby	Feature	Assigned	Add inherit method for clearer and multiple inheritance	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
10498	Ruby	Feature	Assigned	Make `loop` yield a counter	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
10541	Ruby	Misc	Assigned	Remove shorthand string interpolation syntax	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
10549	Ruby	Feature	Assigned	Deprecate each_with_index and each_with_object in favor of with_index and with_object	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
10574	Ruby	Feature	Assigned	Add String#lchomp and String.lchomp!	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
11028	Ruby	Feature	Assigned	standalone running single file ( zipped archives of ruby code) running <b>**without installation**</b> using "gem install ..."	matz (Yukihiko Matsumoto)	04/04/2015 01:44 AM
11122	Ruby	Feature	Assigned	exception-free non-blocking Queue/SizedQueue operations	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
11181	Ruby	Feature	Assigned	Add a line directive to Ruby	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
11307	Ruby	Feature	Assigned	exception-free non-blocking Queue#pop	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
11390	Ruby	Feature	Assigned	Allow symbols starting with numbers	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
11517	Ruby	Feature	Assigned	Queue enhancement - conditional pop	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
11518	Ruby	Feature	Assigned	Queue enhancement - promote! and promote_all!	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
11627	Ruby	Feature	Assigned	make `nonzero` an alias of `nonzero?`	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
11735	Ruby	Feature	Assigned	Porting String#squish and String#squish! from Ruby on Rails' Active Support	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
11816	Ruby	Feature	Assigned	Partial safe navigation operator	matz (Yukihiko Matsumoto)	04/14/2020 08:02 AM
11882	Ruby	Feature	Assigned	Map or NamedMap	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
12019	Ruby	Feature	Assigned	Better low-level support for writing concurrent libraries	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
12244	Ruby	Feature	Assigned	Add a way to `integer - integer % num`	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
12306	Ruby	Feature	Assigned	Implement String #blank? #present? and improve #strip and family to handle unicode	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
12543	Ruby	Feature	Assigned	explicit tail call syntax: foo() then return	matz (Yukihiko Matsumoto)	04/18/2021 03:02 PM
13129	Ruby	Feature	Assigned	Refinements cannot refine method_missing and respond_to_missing?	matz (Yukihiko Matsumoto)	07/03/2021 10:45 PM
14128	Ruby	Feature	Assigned	Introduce Hash#delete default value	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
14397	Ruby	Feature	Assigned	public, protected and private should return their arguments instead of self	matz (Yukihiko Matsumoto)	12/10/2018 07:08 AM
14546	Ruby	Feature	Assigned	Hash#delete!	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
14724	Ruby	Feature	Assigned	chains of inequalities	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
14927	Ruby	Feature	Assigned	Loading multiple files at once	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
15112	Ruby	Feature	Assigned	Introducing the short form of `STDERR.puts expr.inspect`.	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM

#	Project	Tracker	Status	Subject	Assignee	Updated
15192	Ruby	Feature	Assigned	Introduce a new "shortcut assigning" syntax to convenient setup instance variables	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
15277	Ruby	Feature	Assigned	at_exec	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
15330	Ruby	Feature	Assigned	autoload_relative	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
15764	Ruby	Bug	Assigned	Whitespace and control characters should not be permitted in tokens	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
15991	Ruby	Feature	Assigned	Allow questionmarks in variable names	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
16461	Ruby	Feature	Assigned	Proc#using	matz (Yukihiko Matsumoto)	05/16/2024 12:06 AM
16630	Ruby	Misc	Assigned	Deprecate pub/ruby/*snapshot* and use pub/ruby/snapshot/* instead	matz (Yukihiko Matsumoto)	02/27/2020 09:52 AM
16894	Ruby	Feature	Assigned	Integer division for Ruby 3	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
16992	Ruby	Feature	Assigned	Sets: officially ordered	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
17184	Ruby	Feature	Assigned	No stdlib function to perform simple string replacement	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
17288	Ruby	Feature	Assigned	Optimize __send__ call with a literal method name	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
17785	Ruby	Feature	Assigned	Allow named parameters to be keywords	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
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
19304	Ruby	Misc	Assigned	Kernel vs Object documentation	matz (Yukihiko Matsumoto)	04/03/2024 03:50 AM
20205	Ruby	Feature	Assigned	Enable `frozen_string_literal` by default	matz (Yukihiko Matsumoto)	12/19/2024 03:22 PM
20953	Ruby	Feature	Assigned	Array#fetch_values vs #values_at protocols	matz (Yukihiko Matsumoto)	03/27/2025 01:15 AM