

Backport200 - Backport #8143

[patch] forwardable: reduce allocations in def_delegators wrappers

03/22/2013 03:02 PM - tmm1 (Aman Gupta)

Status:	Rejected
Priority:	Normal
Assignee:	nagachika (Tomoyuki Chikanaga)
Description	
<pre>\$.ruby -l lib -rpp -rforwardable -e ' module Test extend Forwardable def_delegators :@test, *("a".."z") end GC.start strings = ObjectSpace.each_object(String).select{ s s.frozen? && s =~ /forwardable/ } p strings.size pp strings.inject(Hash.new 0){ h,s h[s]+=1; h } '</pre>	
before:	
<pre>73 [["/Users/test/code/ruby/trunk/lib/forwardable.rb", 26], ["/Users/test/code/ruby-trunk/lib/forwardable.rb", 33]]</pre>	
after:	
<pre>46 [["/Users/test/code/ruby-trunk/lib/forwardable.rb", 31], ["/Users/test/code/ruby-trunk/lib/forwardable", 1]]</pre>	
<pre>diff --git a/lib/forwardable.rb b/lib/forwardable.rb index d7116ed..2bd67f6 100644 --- a/lib/forwardable.rb +++ b/lib/forwardable.rb @@ -102,6 +102,7 @@ module Forwardable # Version of +forwardable.rb+ FORWARDABLE_VERSION = "1.1.0" • FILE_REGEX = %r#{Regexp.quote(FILE)}"o @debug = nil class << self # If true, FILE will remain in the backtrace in the event an @@ -170,7 +171,7 @@ module Forwardable begin # {accessor}.send(:#{method}, *args, &block) rescue Exception • \$@.delete_if{ s %r#{Regexp.quote(FILE)}"o =~ s} unless Forwardable::debug • \$@.delete_if{ s Forwardable::FILE_REGEX =~ s} unless Forwardable::debug ::Kernel::raise end end @@ -262,7 +263,7 @@ module SingleForwardable begin # {accessor}.send(:#{method}, *args, &block) rescue Exception • \$@.delete_if{ s %r#{Regexp.quote(FILE)}"o =~ s} unless Forwardable::debug • \$@.delete_if{ s Forwardable::FILE_REGEX =~ s} unless Forwardable::debug ::Kernel::raise end end</pre>	

Associated revisions

Revision cfe937b9 - 03/22/2013 08:48 AM - nobu (Nobuyoshi Nakada)

forwardable.rb: reduce allocations in def_delegators

- lib/forwardable.rb (Forwardable::FILE_REGEX): create regexp object outside sources for eval, to reduce allocations in def_delegators wrappers. //o option does not make each regexps shared. patch by tmm1 (Aman Gupta) in [ruby-core:53620] [Bug #8143].

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@39875 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

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History

#1 - 03/22/2013 05:48 PM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Closed
- % Done changed from 0 to 100

This issue was solved with changeset r39875.
Aman, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

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#2 - 05/12/2013 10:41 AM - tmm1 (Aman Gupta)

- Tracker changed from Bug to Backport
- Project changed from Ruby master to Backport200
- Status changed from Closed to Open

#3 - 05/12/2013 10:47 AM - tmm1 (Aman Gupta)

- Status changed from Open to Assigned
- Assignee set to nagachika (Tomoyuki Chikanaga)
- % Done changed from 100 to 0

#4 - 05/30/2016 08:34 AM - naruse (Yui NARUSE)

- Status changed from Assigned to Rejected