

Ruby master - Feature #17054

Some NilClass methods are faster if implemented in Ruby

07/27/2020 04:54 PM - S_H_ (Shun Hiraoka)

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|--|--------|
| Status: | Open |
| Priority: | Normal |
| Assignee: | |
| Target version: | |
| Description | |
| Looking at these pull requests, I wondered "Is it faster to implement some NilClass methods in Ruby?" | |
| <ul style="list-style-type: none">• https://github.com/ruby/ruby/pull/3264• https://github.com/ruby/ruby/pull/3277 | |
| So I tried implementing some NilClass methods in Ruby: | |
| <ul style="list-style-type: none">• https://github.com/ruby/ruby/pull/3366 | |
| The following is benchmark, where COMPARE_RUBY is ruby 2.8.0dev (2020-07-27T15:18:40Z master c5ae79d7e9) [x86_64-linux] and BENCH_RUBY is ahead of ruby 2.8.0dev (2020-07-27T15:18:40Z master c5ae79d7e9) [x86_64-linux]: | |
| <pre>sh@MyComputer:~/rubydev/build\$ make benchmark/benchmark.yml -e COMPARE_RUBY=~/.rbenv/shims/ruby -e BENCH_RUBY=../install/bin/ruby generating known_errors.inc known_errors.inc unchanged generating vm_call_iseq_optimized.inc vm_call_iseq_optimized.inc unchanged # Iteration per second (i/s) compare-ruby built-ruby :----- -----: -----: to_i 36.563M 60.801M - 1.66x to_f 66.225M 70.205M - 1.06x </pre> | |

History

#1 - 07/27/2020 05:00 PM - S_H_ (Shun Hiraoka)

Patch was created.

<https://github.com/ruby/ruby/pull/3366>

#2 - 07/27/2020 05:59 PM - marcandre (Marc-Andre Lafortune)

- Status changed from Open to Rejected

#3 - 07/27/2020 06:12 PM - marcandre (Marc-Andre Lafortune)

- Status changed from Rejected to Open

Sorry, looks like I misread.

#4 - 07/28/2020 01:38 AM - sawa (Tsuyoshi Sawada)

- Description updated

- Subject changed from Implemented some NilClass method in Ruby code is faster to Some NilClass methods are faster if implemented in Ruby