Was evaluating some of the === implementations while testing and came across this one:

```ruby
# ruby 2.5.1p57 (2018-03-29 revision 63029) [x86_64-darwin17]

require 'benchmark/ips'

def run_benchmark(title, **benchmarks)
  puts '', title, '=' * title.size, ''

  # Validation
  benchmarks.each do |benchmark_name, benchmark_fn|
    puts "#{benchmark_name} result: #{benchmark_fn.call()}" end
  puts

  Benchmark.ips do |bm|
    benchmarks.each do |benchmark_name, benchmark_fn|
      bm.report(benchmark_name, &benchmark_fn)
    end
    bm.compare!
  end
end
end
end
regex = /foo/
# => /foo/
string = 'foobarbaz'
# => "foobarbaz"

run_benchmark('=== vs match? - 2.5.1',
  '===': -> { regex === string },
  'match??': -> { regex.match? string })

=== vs match? - 2.5.1
--------------------

=== result: true
match? result: true

Warming up ------------------------------
    173.435k i/100ms
match?    233.124k i/100ms

Calculating ------------------------------
    3.174M (± 1.6%) i/s - 15.956M in 5.029027s
match?    5.626M (± 2.5%) i/s - 28.208M in 5.016991s

Comparison:
    match?: 5626170.1 i/s
    ===: 3173659.6 i/s - 1.77x slower
```
It appears that `===` is running a bit slower than `match?`, though there may be some concerns around old code potentially relying on regex set globals after `===` too in case statements, so not sure there.

### Related issues:
Related to Ruby master - Feature #8110: Regex methods not changing global var... Closed

### History

#### #1 - 04/18/2018 07:57 AM - shyouhei (Shyouhei Urabe)
baweaver (Brandon Weaver) wrote:

> It appears that `===` is running a bit slower than `match?`

Accurate observation. Regexp#match? was introduced as a "faster alternative" to ordinary matches; see also [https://bugs.ruby-lang.org/issues/8110](https://bugs.ruby-lang.org/issues/8110)

#### #2 - 04/18/2018 07:57 AM - shyouhei (Shyouhei Urabe)
- Related to Feature #8110: Regex methods not changing global variables added

#### #3 - 07/29/2019 10:20 PM - jeremyevans0 (Jeremy Evans)
- Status changed from Open to Closed