

Benchmark

Naïve method:

```
Result "benchmark.BenchmarkCoronaVirus.benchmarkCoronaVirus":
  114,133 ±(99.9%) 1,514 ms/op [Average]
  (min, avg, max) = (111,468, 114,133, 119,446), stdev = 2,021
  CI (99.9%): [112,619, 115,646] (assumes normal distribution)

# Run complete. Total time: 00:13:31

REMEMBER: The numbers below are just data. To gain reusable insights, you need to follow up on
why the numbers are the way they are. Use profilers (see -prof, -lprof), design factorial
experiments, perform baseline and negative tests that provide experimental control, make sure
the benchmarking environment is safe on JVM/OS/HW level, ask for reviews from the domain experts.
Do not assume the numbers tell you what you want them to tell.

Benchmark                                     (size) Mode  Cnt   Score   Error  Units
BenchmarkCoronaVirus.benchmarkCoronaVirus      20  avgt   25    0,309 ± 0,009  ms/op
BenchmarkCoronaVirus.benchmarkCoronaVirus    5000  avgt   25  114,133 ± 1,514  ms/op
```

Multithreading method:

```
Result "benchmark.BenchmarkCoronaVirus.benchmarkCoronaVirus":
  110,401 ±(99.9%) 1,713 ms/op [Average]
  (min, avg, max) = (106,182, 110,401, 115,263), stdev = 2,286
  CI (99.9%): [108,689, 112,114] (assumes normal distribution)

# Run complete. Total time: 00:13:31

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the benchmarking environment is safe on JVM/OS/HW level, ask for reviews from the domain experts.
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Benchmark                                     (size) Mode  Cnt   Score   Error  Units
BenchmarkCoronaVirus.benchmarkCoronaVirus      20  avgt   25    0,661 ± 0,017  ms/op
BenchmarkCoronaVirus.benchmarkCoronaVirus    5000  avgt   25  110,401 ± 1,713  ms/op
```