**BST tree 10000 insert**

Running unittests src\lib.rs (target\release\deps\trees-38eed19ce649c01a.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running unittests src\main.rs (target\release\deps\trees-8309aa13e7e49ae0.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running benches\my\_benchmark.rs (target\release\deps\my\_benchmark-e133cee976d1a8fa.exe)

Gnuplot not found, using plotters backend

Benchmarking BSTree insert: : Warming up for 3.0000 s

Warning: Unable to complete 100 samples in 5.0s. You may wish to increase target time to 9.6s, enable flat sampling, or reduce sample count to 50.

BSTree insert: time: [1.7242 ms 1.7304 ms 1.7371 ms]

Found 5 outliers among 100 measurements (5.00%)

3 (3.00%) high mild

2 (2.00%) high severe

**BST tree 40000 insert**

Running unittests src\lib.rs (target\release\deps\trees-38eed19ce649c01a.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running unittests src\main.rs (target\release\deps\trees-8309aa13e7e49ae0.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running benches\my\_benchmark.rs (target\release\deps\my\_benchmark-e133cee976d1a8fa.exe)

Gnuplot not found, using plotters backend

BSTree insert: time: [9.4287 ms 9.5917 ms 9.7854 ms]

change: [+441.22% +451.73% +463.39%] (p = 0.00 < 0.05)

Performance has regressed.

Found 4 outliers among 100 measurements (4.00%)

1 (1.00%) high mild

3 (3.00%) high severe

**BST tree 70000 insert**

Running unittests src\lib.rs (target\release\deps\trees-38eed19ce649c01a.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running unittests src\main.rs (target\release\deps\trees-8309aa13e7e49ae0.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running benches\my\_benchmark.rs (target\release\deps\my\_benchmark-e133cee976d1a8fa.exe)

Gnuplot not found, using plotters backend

BSTree insert: time: [19.121 ms 19.249 ms 19.389 ms]

change: [+96.516% +100.68% +104.47%] (p = 0.00 < 0.05)

Performance has regressed.

Found 8 outliers among 100 measurements (8.00%)

5 (5.00%) high mild

3 (3.00%) high severe

**BST tree 100000 insert**

Running unittests src\lib.rs (target\release\deps\trees-38eed19ce649c01a.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running unittests src\main.rs (target\release\deps\trees-8309aa13e7e49ae0.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running benches\my\_benchmark.rs (target\release\deps\my\_benchmark-e133cee976d1a8fa.exe)

Gnuplot not found, using plotters backend

BSTree insert: time: [31.644 ms 32.006 ms 32.414 ms]

change: [+64.173% +66.274% +68.796%] (p = 0.00 < 0.05)

Performance has regressed.

Found 6 outliers among 100 measurements (6.00%)

5 (5.00%) high mild

1 (1.00%) high severe

**BST tree 130000 insert**

Running unittests src\lib.rs (target\release\deps\trees-38eed19ce649c01a.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running unittests src\main.rs (target\release\deps\trees-8309aa13e7e49ae0.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running benches\my\_benchmark.rs (target\release\deps\my\_benchmark-e133cee976d1a8fa.exe)

Gnuplot not found, using plotters backend

BSTree insert: time: [46.135 ms 46.589 ms 47.121 ms]

change: [+43.194% +45.566% +48.010%] (p = 0.00 < 0.05)

Performance has regressed.

Found 10 outliers among 100 measurements (10.00%)

7 (7.00%) high mild

3 (3.00%) high severe

**BST tree 10000 search**

Running unittests src\lib.rs (target\release\deps\trees-38eed19ce649c01a.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running unittests src\main.rs (target\release\deps\trees-8309aa13e7e49ae0.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running benches\my\_benchmark.rs (target\release\deps\my\_benchmark-e133cee976d1a8fa.exe)

Gnuplot not found, using plotters backend

BSTree search known: time: [30.620 µs 30.714 µs 30.813 µs]

Found 4 outliers among 100 measurements (4.00%)

2 (2.00%) high mild

2 (2.00%) high severe

**BST tree 40000 search**

Running unittests src\lib.rs (target\release\deps\trees-38eed19ce649c01a.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running unittests src\main.rs (target\release\deps\trees-8309aa13e7e49ae0.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running benches\my\_benchmark.rs (target\release\deps\my\_benchmark-e133cee976d1a8fa.exe)

Gnuplot not found, using plotters backend

BSTree search known: time: [179.96 µs 180.56 µs 181.25 µs]

change: [+485.35% +488.30% +492.08%] (p = 0.00 < 0.05)

Performance has regressed.

Found 3 outliers among 100 measurements (3.00%)

2 (2.00%) high mild

1 (1.00%) high severe

**BST tree 70000 search**

Running unittests src\lib.rs (target\release\deps\trees-38eed19ce649c01a.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running unittests src\main.rs (target\release\deps\trees-8309aa13e7e49ae0.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running benches\my\_benchmark.rs (target\release\deps\my\_benchmark-e133cee976d1a8fa.exe)

Gnuplot not found, using plotters backend

BSTree search known: time: [362.31 µs 363.45 µs 364.74 µs]

change: [+99.603% +100.72% +101.70%] (p = 0.00 < 0.05)

Performance has regressed.

Found 11 outliers among 100 measurements (11.00%)

5 (5.00%) high mild

6 (6.00%) high severe

**BST tree 100000 search**

Running unittests src\lib.rs (target\release\deps\trees-38eed19ce649c01a.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running unittests src\main.rs (target\release\deps\trees-8309aa13e7e49ae0.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running benches\my\_benchmark.rs (target\release\deps\my\_benchmark-e133cee976d1a8fa.exe)

Gnuplot not found, using plotters backend

BSTree search known: time: [577.03 µs 579.08 µs 581.21 µs]

change: [+59.402% +60.336% +61.616%] (p = 0.00 < 0.05)

Performance has regressed.

Found 6 outliers among 100 measurements (6.00%)

3 (3.00%) high mild

3 (3.00%) high severe

**BST tree 130000 search**

Running unittests src\lib.rs (target\release\deps\trees-38eed19ce649c01a.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running unittests src\main.rs (target\release\deps\trees-8309aa13e7e49ae0.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running benches\my\_benchmark.rs (target\release\deps\my\_benchmark-e133cee976d1a8fa.exe)

Gnuplot not found, using plotters backend

BSTree search known: time: [825.91 µs 828.89 µs 832.36 µs]

change: [+41.566% +42.824% +44.039%] (p = 0.00 < 0.05)

Performance has regressed.

Found 8 outliers among 100 measurements (8.00%)

6 (6.00%) high mild

2 (2.00%) high severe

**AVL tree 10000 insert**

Running unittests src\lib.rs (target\release\deps\trees-38eed19ce649c01a.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running unittests src\main.rs (target\release\deps\trees-8309aa13e7e49ae0.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running benches\my\_benchmark.rs (target\release\deps\my\_benchmark-e133cee976d1a8fa.exe)

Gnuplot not found, using plotters backend

AVL tree insert: time: [4.1465 ms 4.1739 ms 4.2042 ms]

Found 5 outliers among 100 measurements (5.00%)

4 (4.00%) high mild

1 (1.00%) high severe

**AVL tree 40000 insert**

Running unittests src\lib.rs (target\release\deps\trees-38eed19ce649c01a.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running unittests src\main.rs (target\release\deps\trees-8309aa13e7e49ae0.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running benches\my\_benchmark.rs (target\release\deps\my\_benchmark-e133cee976d1a8fa.exe)

Gnuplot not found, using plotters backend

AVL tree insert: time: [21.954 ms 22.101 ms 22.258 ms]

change: [+424.24% +429.51% +434.64%] (p = 0.00 < 0.05)

Performance has regressed.

Found 5 outliers among 100 measurements (5.00%)

5 (5.00%) high mild

**AVL tree 70000 insert**

Running unittests src\lib.rs (target\release\deps\trees-38eed19ce649c01a.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running unittests src\main.rs (target\release\deps\trees-8309aa13e7e49ae0.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running benches\my\_benchmark.rs (target\release\deps\my\_benchmark-e133cee976d1a8fa.exe)

Gnuplot not found, using plotters backend

AVL tree insert: time: [46.327 ms 46.739 ms 47.232 ms]

change: [+109.17% +111.48% +114.74%] (p = 0.00 < 0.05)

Performance has regressed.

Found 1 outliers among 100 measurements (1.00%)

1 (1.00%) high severe

**AVL tree 100000 insert**

Running unittests src\lib.rs (target\release\deps\trees-38eed19ce649c01a.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running unittests src\main.rs (target\release\deps\trees-8309aa13e7e49ae0.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running benches\my\_benchmark.rs (target\release\deps\my\_benchmark-e133cee976d1a8fa.exe)

Gnuplot not found, using plotters backend

Benchmarking AVL tree insert: : Warming up for 3.0000 s

Warning: Unable to complete 100 samples in 5.0s. You may wish to increase target time to 7.4s, or reduce sample count to 60.

AVL tree insert: time: [72.451 ms 72.928 ms 73.441 ms]

change: [+54.151% +56.033% +57.801%] (p = 0.00 < 0.05)

Performance has regressed.

Found 7 outliers among 100 measurements (7.00%)

5 (5.00%) high mild

2 (2.00%) high severe

**AVL tree 130000 insert**

Running unittests src\lib.rs (target\release\deps\trees-38eed19ce649c01a.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running unittests src\main.rs (target\release\deps\trees-8309aa13e7e49ae0.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running benches\my\_benchmark.rs (target\release\deps\my\_benchmark-e133cee976d1a8fa.exe)

Gnuplot not found, using plotters backend

Benchmarking AVL tree insert: : Warming up for 3.0000 s

Warning: Unable to complete 100 samples in 5.0s. You may wish to increase target time to 11.2s, or reduce sample count to 40.

AVL tree insert: time: [105.39 ms 106.09 ms 106.85 ms]

change: [+44.020% +45.467% +46.916%] (p = 0.00 < 0.05)

Performance has regressed.

Found 4 outliers among 100 measurements (4.00%)

1 (1.00%) high mild

3 (3.00%) high severe

**AVL tree 10000 search**

Running unittests src\lib.rs (target\release\deps\trees-38eed19ce649c01a.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running unittests src\main.rs (target\release\deps\trees-8309aa13e7e49ae0.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running benches\my\_benchmark.rs (target\release\deps\my\_benchmark-e133cee976d1a8fa.exe)

Gnuplot not found, using plotters backend

AVL tree search known: time: [61.062 µs 61.383 µs 61.754 µs]

Found 5 outliers among 100 measurements (5.00%)

4 (4.00%) high mild

1 (1.00%) high severe

**AVL tree 40000 search**

Running unittests src\lib.rs (target\release\deps\trees-38eed19ce649c01a.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running unittests src\main.rs (target\release\deps\trees-8309aa13e7e49ae0.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running benches\my\_benchmark.rs (target\release\deps\my\_benchmark-e133cee976d1a8fa.exe)

Gnuplot not found, using plotters backend

AVL tree search known: time: [340.06 µs 344.66 µs 350.97 µs]

change: [+452.72% +457.03% +462.65%] (p = 0.00 < 0.05)

Performance has regressed.

Found 5 outliers among 100 measurements (5.00%)

4 (4.00%) high mild

1 (1.00%) high severe

**AVL tree 70000 search**

Running unittests src\lib.rs (target\release\deps\trees-38eed19ce649c01a.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running unittests src\main.rs (target\release\deps\trees-8309aa13e7e49ae0.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running benches\my\_benchmark.rs (target\release\deps\my\_benchmark-e133cee976d1a8fa.exe)

Gnuplot not found, using plotters backend

AVL tree search known: time: [669.69 µs 683.01 µs 699.26 µs]

change: [+98.586% +104.08% +112.93%] (p = 0.00 < 0.05)

Performance has regressed.

Found 13 outliers among 100 measurements (13.00%)

4 (4.00%) high mild

9 (9.00%) high severe

**AVL tree 100000 search**

Running unittests src\lib.rs (target\release\deps\trees-38eed19ce649c01a.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running unittests src\main.rs (target\release\deps\trees-8309aa13e7e49ae0.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running benches\my\_benchmark.rs (target\release\deps\my\_benchmark-e133cee976d1a8fa.exe)

Gnuplot not found, using plotters backend

AVL tree search known: time: [959.55 µs 963.84 µs 968.43 µs]

change: [+34.332% +39.668% +44.020%] (p = 0.00 < 0.05)

Performance has regressed.

Found 7 outliers among 100 measurements (7.00%)

1 (1.00%) high mild

6 (6.00%) high severe

**AVL tree 130000 search**

Running unittests src\lib.rs (target\release\deps\trees-38eed19ce649c01a.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running unittests src\main.rs (target\release\deps\trees-8309aa13e7e49ae0.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running benches\my\_benchmark.rs (target\release\deps\my\_benchmark-e133cee976d1a8fa.exe)

Gnuplot not found, using plotters backend

Benchmarking AVL tree search known: : Warming up for 3.0000 s

Warning: Unable to complete 100 samples in 5.0s. You may wish to increase target time to 7.0s, enable flat sampling, or reduce sample count to 50.

AVL tree search known: time: [1.3749 ms 1.3816 ms 1.3886 ms]

change: [+39.969% +41.975% +43.628%] (p = 0.00 < 0.05)

Performance has regressed.

Found 1 outliers among 100 measurements (1.00%)

1 (1.00%) high severe

**BR tree 10000 insert**

Running unittests src\lib.rs (target\release\deps\trees-38eed19ce649c01a.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running unittests src\main.rs (target\release\deps\trees-8309aa13e7e49ae0.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running benches\my\_benchmark.rs (target\release\deps\my\_benchmark-e133cee976d1a8fa.exe)

Gnuplot not found, using plotters backend

RBTree insert: time: [4.9894 ms 5.0481 ms 5.1178 ms]

Found 4 outliers among 100 measurements (4.00%)

4 (4.00%) high severe

**BR tree 40000 insert**

Running unittests src\lib.rs (target\release\deps\trees-38eed19ce649c01a.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running unittests src\main.rs (target\release\deps\trees-8309aa13e7e49ae0.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running benches\my\_benchmark.rs (target\release\deps\my\_benchmark-e133cee976d1a8fa.exe)

Gnuplot not found, using plotters backend

RBTree insert: time: [25.943 ms 26.581 ms 27.577 ms]

change: [+411.31% +426.55% +448.75%] (p = 0.00 < 0.05)

Performance has regressed.

Found 4 outliers among 100 measurements (4.00%)

2 (2.00%) high mild

2 (2.00%) high severe

**BR tree 70000 insert**

Running unittests src\lib.rs (target\release\deps\trees-38eed19ce649c01a.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running unittests src\main.rs (target\release\deps\trees-8309aa13e7e49ae0.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running benches\my\_benchmark.rs (target\release\deps\my\_benchmark-e133cee976d1a8fa.exe)

Gnuplot not found, using plotters backend

Benchmarking RBTree insert: : Warming up for 3.0000 s

Warning: Unable to complete 100 samples in 5.0s. You may wish to increase target time to 5.7s, or reduce sample count to 80.

RBTree insert: time: [57.982 ms 58.991 ms 60.196 ms]

change: [+112.97% +121.93% +129.76%] (p = 0.00 < 0.05)

Performance has regressed.

Found 4 outliers among 100 measurements (4.00%)

1 (1.00%) high mild

3 (3.00%) high severe

**BR tree 100000 insert**

Running unittests src\lib.rs (target\release\deps\trees-38eed19ce649c01a.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running unittests src\main.rs (target\release\deps\trees-8309aa13e7e49ae0.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running benches\my\_benchmark.rs (target\release\deps\my\_benchmark-e133cee976d1a8fa.exe)

Gnuplot not found, using plotters backend

Benchmarking RBTree insert: : Warming up for 3.0000 s

Warning: Unable to complete 100 samples in 5.0s. You may wish to increase target time to 7.7s, or reduce sample count to 60.

RBTree insert: time: [75.501 ms 76.018 ms 76.564 ms]

change: [+26.145% +28.864% +31.316%] (p = 0.00 < 0.05)

Performance has regressed.

Found 5 outliers among 100 measurements (5.00%)

5 (5.00%) high mild

**BR tree 130000 insert**

Running unittests src\lib.rs (target\release\deps\trees-38eed19ce649c01a.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running unittests src\main.rs (target\release\deps\trees-8309aa13e7e49ae0.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running benches\my\_benchmark.rs (target\release\deps\my\_benchmark-e133cee976d1a8fa.exe)

Gnuplot not found, using plotters backend

Benchmarking RBTree insert: : Warming up for 3.0000 s

Warning: Unable to complete 100 samples in 5.0s. You may wish to increase target time to 11.0s, or reduce sample count to 40.

RBTree insert: time: [106.77 ms 107.84 ms 109.20 ms]

change: [+40.154% +41.863% +43.792%] (p = 0.00 < 0.05)

Performance has regressed.

Found 4 outliers among 100 measurements (4.00%)

2 (2.00%) high mild

2 (2.00%) high severe

**BR tree 10000 search**

Running unittests src\lib.rs (target\release\deps\trees-38eed19ce649c01a.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running unittests src\main.rs (target\release\deps\trees-8309aa13e7e49ae0.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running benches\my\_benchmark.rs (target\release\deps\my\_benchmark-e133cee976d1a8fa.exe)

Gnuplot not found, using plotters backend

RBTree search known: time: [71.231 µs 71.516 µs 71.830 µs]

Found 6 outliers among 100 measurements (6.00%)

5 (5.00%) high mild

1 (1.00%) high severe

**BR tree 40000 search**

Running unittests src\lib.rs (target\release\deps\trees-38eed19ce649c01a.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running unittests src\main.rs (target\release\deps\trees-8309aa13e7e49ae0.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running benches\my\_benchmark.rs (target\release\deps\my\_benchmark-e133cee976d1a8fa.exe)

Gnuplot not found, using plotters backend

RBTree search known: time: [363.35 µs 369.06 µs 375.41 µs]

change: [+401.67% +407.49% +413.49%] (p = 0.00 < 0.05)

Performance has regressed.

Found 9 outliers among 100 measurements (9.00%)

6 (6.00%) high mild

3 (3.00%) high severe

**BR tree 70000 search**

Running unittests src\lib.rs (target\release\deps\trees-38eed19ce649c01a.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running unittests src\main.rs (target\release\deps\trees-8309aa13e7e49ae0.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running benches\my\_benchmark.rs (target\release\deps\my\_benchmark-e133cee976d1a8fa.exe)

Gnuplot not found, using plotters backend

RBTree search known: time: [671.93 µs 674.62 µs 677.78 µs]

change: [+83.961% +86.437% +88.795%] (p = 0.00 < 0.05)

Performance has regressed.

Found 3 outliers among 100 measurements (3.00%)

1 (1.00%) high mild

2 (2.00%) high severe

**BR tree 100000 search**

Running unittests src\lib.rs (target\release\deps\trees-38eed19ce649c01a.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running unittests src\main.rs (target\release\deps\trees-8309aa13e7e49ae0.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running benches\my\_benchmark.rs (target\release\deps\my\_benchmark-e133cee976d1a8fa.exe)

Gnuplot not found, using plotters backend

Benchmarking RBTree search known: : Warming up for 3.0000 s

Warning: Unable to complete 100 samples in 5.0s. You may wish to increase target time to 5.6s, enable flat sampling, or reduce sample count to 60.

RBTree search known: time: [1.0940 ms 1.0996 ms 1.1059 ms]

change: [+61.692% +63.273% +64.642%] (p = 0.00 < 0.05)

Performance has regressed.

Found 7 outliers among 100 measurements (7.00%)

5 (5.00%) high mild

2 (2.00%) high severe

**BR tree 130000 search**

Running unittests src\lib.rs (target\release\deps\trees-38eed19ce649c01a.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running unittests src\main.rs (target\release\deps\trees-8309aa13e7e49ae0.exe)

running 0 tests

test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.00s

Running benches\my\_benchmark.rs (target\release\deps\my\_benchmark-e133cee976d1a8fa.exe)

Gnuplot not found, using plotters backend

Benchmarking RBTree search known: : Warming up for 3.0000 s

Warning: Unable to complete 100 samples in 5.0s. You may wish to increase target time to 7.5s, enable flat sampling, or reduce sample count to 50.

RBTree search known: time: [1.5040 ms 1.5201 ms 1.5410 ms]

change: [+34.688% +36.121% +37.692%] (p = 0.00 < 0.05)

Performance has regressed.

Found 4 outliers among 100 measurements (4.00%)

2 (2.00%) high mild

2 (2.00%) high severe