

| Experiment | Jitty | | Jittyc | | Innermost | | Sabre | |
|----------------------------|----------|----------|----------|----------|-----------|----------|----------|----------|
| | Time (s) | Mem (MB) | Time (s) | Mem (MB) | Time (s) | Mem (MB) | Time (s) | Mem (MB) |
| add16 | 0.5 | 20.7 | 0.0 | 23.0 | - | - | - | - |
| add32 | 0.9 | 21.2 | 0.0 | 25.4 | - | - | - | - |
| add8 | 0.5 | 22.8 | 0.0 | 21.7 | - | - | - | - |
| asfsdfbenchmark | - | - | - | - | 0.0 | 7.8 | 0.0 | 14.7 |
| benchexpr10 | 0.0 | 13.0 | 0.0 | 15.4 | 0.0 | 7.8 | 0.0 | 14.6 |
| benchexpr20 | 10.9 | 13.1 | 0.4 | 15.4 | 6.6 | 7.9 | 16.9 | 14.6 |
| benchexpr22 | 73.9 | 13.1 | 1.5 | 15.4 | 27.3 | 7.8 | 74.5 | 14.7 |
| benchsym10 | 0.0 | 13.0 | 0.0 | 15.3 | 0.0 | 7.8 | 0.0 | 14.7 |
| benchsym20 | 15.1 | 13.1 | 0.3 | 15.3 | 8.9 | 7.7 | 14.5 | 14.7 |
| benchsym22 | 48.8 | 13.0 | 1.3 | 15.3 | 34.2 | 7.8 | 59.2 | 14.7 |
| benchtree10 | - | - | 79.4 | 15.4 | - | - | 0.0 | 14.6 |
| benchtree20 | - | - | - | - | - | - | 64.2 | 14.6 |
| benchtree22 | - | - | - | - | - | - | 280.0 | 14.6 |
| binarysearch | 93.7 | 11.8 | 2.1 | 15.3 | 46.3 | 6.1 | 198.4 | 270.6 |
| bit | - | - | - | - | 0.0 | 3.6 | 0.0 | 3.6 |
| block | - | - | - | - | 0.0 | 3.9 | 0.0 | 4.6 |
| blocksum | - | - | - | - | 0.0 | 3.8 | 0.0 | 4.3 |
| bool | - | - | - | - | 0.0 | 3.5 | 0.0 | 3.6 |
| bubblesort | - | - | - | - | 0.0 | 3.7 | 0.0 | 3.8 |
| bubblesort10 | 0.0 | 10.3 | 0.0 | 12.1 | 0.0 | 3.7 | 0.0 | 3.8 |
| bubblesort100 | 0.1 | 11.9 | 0.0 | 12.0 | 0.2 | 5.4 | 0.4 | 5.9 |
| bubblesort1000 | 74.2 | 19.8 | 3.6 | 19.7 | 270.0 | 153.1 | - | - |
| bubblesort20 | 0.0 | 10.5 | 0.0 | 12.1 | 0.0 | 3.9 | 0.0 | 3.8 |
| bubblesort720 | 18.2 | 18.1 | 2.2 | 19.4 | 82.4 | 80.7 | - | - |
| calls | 0.0 | 10.2 | 0.0 | 11.3 | 0.0 | 3.5 | 0.0 | 3.4 |
| check1 | 0.0 | 10.2 | 0.0 | 11.3 | 0.0 | 3.6 | 0.0 | 3.5 |
| check2 | 0.0 | 10.2 | 0.0 | 11.3 | 0.0 | 3.5 | 0.0 | 3.7 |
| closure | 0.5 | 17.9 | 0.0 | 15.8 | 0.7 | 19.9 | 2.1 | 38.7 |
| confluence | 0.0 | 10.2 | 0.0 | 11.2 | 0.0 | 3.4 | 0.0 | 3.5 |
| dart | - | - | - | - | 0.1 | 14.2 | 0.2 | 38.0 |
| empty | 0.0 | 10.3 | 0.0 | 10.9 | 0.0 | 3.5 | 0.0 | 3.5 |
| evalexpr | 17.0 | 11.6 | 0.3 | 13.4 | 18.8 | 4.2 | 16.3 | 6.4 |
| evalsym | - | - | 14.3 | 13.1 | - | - | - | - |
| evaltree | 40.4 | 11.4 | 0.0 | 14.4 | 56.4 | 4.2 | 52.3 | 5.2 |
| factorial | - | - | - | - | 0.0 | 3.5 | 0.0 | 3.5 |
| factorial5 | 0.0 | 10.4 | 0.0 | 11.2 | 0.0 | 3.5 | 0.0 | 3.6 |
| factorial6 | 0.0 | 11.0 | 0.0 | 11.4 | 0.0 | 3.6 | 0.0 | 3.8 |
| factorial7 | 0.0 | 14.7 | 0.0 | 12.6 | 0.0 | 4.6 | 0.0 | 5.4 |
| factorial8 | - | - | - | - | 0.0 | 12.0 | 0.1 | 17.8 |
| factorial9 | - | - | - | - | 0.4 | 76.0 | 0.7 | 127.4 |
| fib32 | 41.9 | 11.3 | 1.9 | 14.6 | 54.0 | 5.8 | 85.9 | 174.7 |
| fibfree | 0.0 | 14.1 | 0.0 | 15.4 | - | - | 0.0 | 31.6 |
| fibonacci | - | - | - | - | 0.0 | 3.5 | 0.0 | 3.5 |
| fibonacci05 | 0.0 | 10.1 | 0.0 | 11.3 | 0.0 | 3.5 | 0.0 | 3.5 |
| fibonacci18 | 0.0 | 12.6 | 0.0 | 11.9 | 0.0 | 4.3 | 0.0 | 5.1 |
| fibonacci19 | 0.1 | 14.2 | 0.0 | 12.4 | 0.0 | 4.8 | 0.0 | 5.9 |
| fibonacci20 | 0.1 | 16.8 | 0.0 | 13.2 | 0.0 | 5.5 | 0.1 | 7.6 |
| fibonacci21 | 0.1 | 16.7 | 0.0 | 13.2 | 0.0 | 5.5 | 0.1 | 7.5 |
| garbagecollection | 0.0 | 10.4 | 0.0 | 11.4 | 0.0 | 3.6 | 0.0 | 8.0 |
| half | - | - | - | - | 0.0 | 4.2 | 0.0 | 5.3 |
| halfsum | - | - | - | - | 0.0 | 3.6 | 0.0 | 3.8 |
| hanoi | - | - | - | - | 0.0 | 4.0 | 0.0 | 6.0 |
| hanoi12 | 0.1 | 15.2 | 0.0 | 13.4 | 0.0 | 5.4 | 0.0 | 7.7 |
| hanoi16 | - | - | - | - | 0.4 | 30.6 | 0.9 | 47.9 |
| hanoi20 | - | - | - | - | 9.0 | 422.9 | 20.8 | 689.4 |
| hanoi4 | 0.0 | 10.4 | 0.0 | 12.5 | 0.0 | 3.9 | 0.0 | 5.9 |
| hanoi8 | 0.0 | 10.7 | 0.0 | 12.5 | 0.0 | 4.0 | 0.0 | 6.0 |
| int | - | - | - | - | 0.0 | 5.8 | 0.0 | 8.5 |
| intnat | 0.0 | 12.8 | 0.0 | 15.2 | - | - | - | - |
| langton | - | - | - | - | 0.0 | 13.7 | 0.0 | 4566.8 |
| langton6 | - | - | - | - | 534.6 | 52.4 | - | - |
| langton7 | - | - | - | - | - | - | - | - |
| logic3 | 0.0 | 10.1 | 0.0 | 11.4 | 0.0 | 3.6 | 0.0 | 3.8 |
| maa | - | - | - | - | 105.8 | 660.0 | - | - |
| merge | 0.0 | 11.3 | 0.0 | 12.3 | 0.0 | 3.9 | 0.0 | 5.7 |
| mergesort | - | - | - | - | 0.0 | 4.0 | 0.0 | 6.2 |
| mergesort10 | 0.0 | 10.3 | 0.0 | 12.9 | 0.0 | 3.9 | 0.0 | 6.2 |
| mergesort100 | - | - | - | - | - | - | 0.1 | 6.3 |
| mergesort1000 | - | - | - | - | - | - | 33.6 | 14.8 |
| missionaries | - | - | - | - | 0.0 | 4.8 | 0.0 | 25.4 |
| missionaries2 | 0.0 | 11.5 | 0.0 | 15.0 | 0.0 | 4.8 | 0.0 | 25.3 |
| missionaries3 | 0.0 | 11.7 | 0.0 | 15.0 | 0.0 | 4.8 | 0.0 | 25.5 |
| mul16 | 8.7 | 21.6 | 0.2 | 24.3 | - | - | - | - |
| mul32 | 31.2 | 20.8 | 0.7 | 26.6 | - | - | - | - |
| mul8 | 2.7 | 21.7 | 0.0 | 21.4 | - | - | - | - |
| nat | - | - | - | - | 0.0 | 4.7 | 0.0 | 21.8 |
| natlist | 0.0 | 16.8 | 0.0 | 17.7 | 0.0 | 5.4 | 0.0 | 5.3 |
| octet | - | - | - | - | 0.0 | 9.2 | 0.0 | 21.7 |
| octetsum | - | - | - | - | 0.0 | 3.8 | 0.0 | 4.2 |
| oddeven | 2.6 | 10.2 | 1.7 | 11.6 | 53.9 | 3.7 | 1.7 | 3.6 |
| omul32 | 29.6 | 20.6 | 0.7 | 29.9 | - | - | - | - |
| omul8 | 1.8 | 22.1 | 0.0 | 24.0 | - | - | - | - |
| order | 0.0 | 10.2 | 0.0 | 11.2 | 0.0 | 3.5 | 0.0 | 3.5 |
| pair | - | - | - | - | 0.0 | 3.7 | 0.0 | 3.9 |
| permutations | - | - | - | - | 0.0 | 3.7 | 0.0 | 5.1 |
| permutations6 | 0.0 | 13.7 | 0.0 | 12.5 | 0.0 | 5.4 | 0.2 | 36.1 |
| permutations7 | - | - | 0.2 | 17.9 | 1.1 | 17.3 | 16.1 | 1126.0 |
| quicksort | - | - | - | - | 0.0 | 3.9 | 0.0 | 4.1 |
| quicksort10 | 0.0 | 10.9 | 0.0 | 13.0 | 0.0 | 4.0 | 0.0 | 4.2 |
| quicksort100 | - | - | - | - | - | - | 0.5 | 11.2 |
| quicksort1000 | - | - | - | - | - | - | - | - |
| revelt | 0.0 | 10.2 | 0.0 | 11.5 | 0.0 | 3.5 | 0.0 | 3.5 |
| revnat | - | - | - | - | 0.0 | 3.7 | 0.0 | 3.6 |
| revnat100 | 0.0 | 11.5 | 0.0 | 12.0 | 0.0 | 4.8 | 0.0 | 5.7 |
| revnat1000 | 0.3 | 18.7 | 0.1 | 19.6 | 0.6 | 115.0 | 1.1 | 184.2 |
| revnat10000 | - | - | 6.3 | 311.0 | 459.5 | 9815.5 | - | - |
| searchinconditions | 0.0 | 10.2 | 0.0 | 11.3 | 0.0 | 3.5 | 0.0 | 3.5 |
| sieve | - | - | - | - | 0.0 | 4.3 | 0.0 | 15.1 |
| sieve100 | 0.0 | 12.4 | 0.0 | 13.7 | 0.0 | 6.0 | 0.0 | 15.1 |
| sieve1000 | 6.8 | 20.2 | 0.2 | 13.8 | 19.9 | 958.2 | 51.7 | 990.9 |
| sieve10000 | - | - | 63.2 | 52.4 | - | - | - | - |
| sieve20 | 0.0 | 11.1 | 0.0 | 13.9 | 0.0 | 4.3 | 0.0 | 15.1 |
| sieve2000 | 39.7 | 23.7 | 1.2 | 15.5 | 296.7 | 5605.3 | 581.2 | 5621.4 |
| soundnessofparallelengines | 0.0 | 10.2 | 0.0 | 11.1 | 0.0 | 3.4 | 0.0 | 3.5 |
| tak | - | - | - | - | 0.0 | 3.7 | 0.0 | 3.9 |
| tak18 | 0.2 | 10.6 | 0.0 | 12.1 | 0.4 | 3.8 | 0.5 | 3.9 |
| tak36 | 15.5 | 10.8 | 0.6 | 12.0 | 30.7 | 3.8 | 32.3 | 4.2 |
| tautologyhard | 0.0 | 10.6 | 0.0 | 11.3 | 0.0 | 3.8 | 0.0 | 5.1 |
| tricky | 0.0 | 10.2 | 0.0 | 11.7 | 0.0 | 3.5 | 0.0 | 3.6 |