

CPU load measurements

1 Aug 3rd

Benchmark	Mean <50	Mean >50 and <70	Total Mean (>70)
bench=backprop-impl=c-comp=gcc-env=native.csv	1.77(0.532)	2.152(0.443)	2.733(0.335)
bench=backprop-impl=js-comp=browserify-env=chr...	2.322(0.724)	2.692(0.762)	4.291(0.744)
bench=backprop-impl=js-comp=browserify-env=nod...	2.821(1.152)	3.07(0.793)	4.574(0.858)
bench=backprop-impl=wasm-c-comp=wasm-env=chrom...	1.611(0.476)	2.038(0.428)	2.701(0.872)
bench=bubble-impl=c-comp=gcc-env=native.csv	0.152(0.005)	0.175(0.009)	0.187(0.01)
bench=bubble-impl=js-comp=browserify-env=chrom...	nan(nan)	0.306(0.032)	0.386(0.048)
bench=bubble-impl=js-comp=browserify-env=node.csv	0.238(0.014)	0.283(0.033)	0.35(0.034)
bench=bubble-impl=wasm-c-comp=wasm-env=chrome.csv	0.225(0.01)	0.289(0.033)	0.343(0.038)
bench=fib-impl=c-comp=gcc-env=native.csv	0.754(0.035)	0.993(0.064)	1.165(0.095)
bench=fib-impl=js-comp=browserify-env=chrome.csv	1.68(0.069)	2.349(0.139)	2.875(0.249)
bench=fib-impl=js-comp=browserify-env=node.csv	1.626(0.09)	2.227(0.083)	2.545(0.286)
bench=fib-impl=wasm-c-comp=wasm-env=chrome.csv	0.928(0.03)	1.102(0.076)	1.227(0.069)
bench=lavamd-impl=c-comp=gcc-env=native.csv	0.994(0.074)	1.276(0.066)	1.443(0.073)
bench=lavamd-impl=js-comp=browserify-env=chrom...	2.329(0.125)	2.777(0.271)	3.285(0.261)
bench=lavamd-impl=js-comp=browserify-env=node.csv	0.899(0.051)	1.094(0.09)	1.288(0.146)
bench=lavamd-impl=wasm-c-comp=wasm-env=chrome.csv	1.52(0.107)	1.994(0.188)	2.536(0.205)
bench=nqueens-impl=c-comp=gcc-env=native.csv	3.608(0.058)	4.239(0.056)	4.577(0.115)
bench=nqueens-impl=js-comp=browserify-env=chro...	7.682(0.184)	9.581(0.87)	10.993(0.577)
bench=nqueens-impl=js-comp=browserify-env=node...	6.692(0.105)	7.234(0.721)	8.655(0.557)
bench=nqueens-impl=wasm-c-comp=wasm-env=chrome...	5.036(0.12) 2	5.649(0.492)	6.742(0.387)
bench=numprime-impl=c-comp=gcc-env=native.csv	nan(nan)	2.978(0.067)	3.286(0.176)
bench=numprime-impl=js-comp=browserify-env=chr	7.909(0.38)	10.048(0.953)	11.847(1.231)

Benchmark	Mean(%)	Std(%)
bench=backprop-impl=c-comp=gcc-env=native	13.44	4.08
bench=backprop-impl=js-comp=browserify-env=chrome	10.61	3.46
bench=backprop-impl=js-comp=browserify-env=node	10.90	5.35
bench=backprop-impl=wasm-c-comp=wasm-env=chrome	3.11	4.68
bench=bubble-impl=c-comp=gcc-env=native	-4.00	5.97
bench=bubble-impl=js-comp=browserify-env=chrome	10.39	4.02
bench=bubble-impl=js-comp=browserify-env=node	5.68	5.83
bench=bubble-impl=wasm-c-comp=wasm-env=chrome	1.83	3.94
bench=fib-impl=c-comp=gcc-env=native	8.11	4.62
bench=fib-impl=js-comp=browserify-env=chrome	14.26	5.20
bench=fib-impl=js-comp=browserify-env=node	10.54	5.21
bench=fib-impl=wasm-c-comp=wasm-env=chrome	1.51	4.56
bench=lavamd-impl=c-comp=gcc-env=native	10.36	4.30
bench=lavamd-impl=js-comp=browserify-env=chrome	11.24	6.14
bench=lavamd-impl=js-comp=browserify-env=node	7.94	5.90
bench=lavamd-impl=wasm-c-comp=wasm-env=chrome	1.71	3.36
bench=nqueens-impl=c-comp=gcc-env=native	11.93	3.86
bench=nqueens-impl=js-comp=browserify-env=chrome	12.27	5.11
bench=nqueens-impl=js-comp=browserify-env=node	11.55	4.04
bench=nqueens-impl=wasm-c-comp=wasm-env=chrome	-10.74	4.03
bench=numprime-impl=c-comp=gcc-env=native	9.91	3.66
bench=numprime-impl=js-comp=browserify-env=chrome	11.92	5.45
bench=numprime-impl=js-comp=browserify-env=node	10.82	5.87
bench=numprime-impl=wasm-c-comp=wasm-env=chrome	2.92	3.49