

testname	d(old,new) time	%d (old,new)	d(old,new) mem	%d (old,new)	d(tip,fix) time	%d(tip,fix) time	d(tip,fix) mem	%d(tip,fix) mem
mmgc/ofib.as	(23.00)	(3%)	11605.33	9%	(14.33)	(2%)	(18670.93)	(18%)
v8.5/optimized/raytrace.as	(96.33)	(1%)	(68.27)	(3%)	(106.33)	(1%)	(341.33)	(15%)
sunspider-0.9.1/js/access-nsieve.as	(0.67)	(4%)	204.80	4%	(0.33)	(2%)	(648.53)	(13%)
jsbench/SOR.as	(1,348.00)	(6%)	1024.00	1%	1894.00	8%	(4164.27)	(6%)
sunspider-0.9.1/js/regexp-dna.as	0.00	0%	443.73	4%	(6.67)	(1%)	(512.00)	(5%)
sunspider-0.9.1/js/string-unpack-code.as	(18.33)	(1%)	102.40	1%	292.33	8%	(682.67)	(4%)
sunspider/s3d-morph.as	(2.33)	(9%)	(68.27)	(2%)	(2.00)	(7%)	(136.53)	(4%)
jsmicro/array-pop-1.as	3.48	4%	(273.07)	(6%)	(0.32)	(0%)	(170.67)	(4%)
asmicro/vector-write-C-2.as	(1.30)	(3%)	(102.40)	(5%)	(4.42)	(4%)	(68.27)	(3%)
language/string/typed/substr.as	(0.67)	(1%)	(68.27)	(1%)	(0.33)	(0%)	(136.53)	(3%)
language/e4x/concatenatingStringsFromE4X.as	(0.33)	(6%)	(34.13)	(1%)	0.33	7%	(68.27)	(2%)
sunspider/as3/s3d-morph.as	(2.33)	(13%)	(68.27)	(2%)	1.67	9%	(68.27)	(2%)
sunspider-0.9.1/typed/access-nsieve.as	0.00	0%	375.47	7%	(0.33)	(3%)	(102.40)	(2%)
sunspider/as3vector/string-validate-input.as	0.67	3%	(307.20)	(9%)	(0.33)	(1%)	(68.27)	(2%)
language/string/append_concat.as	0.00	0%	(136.53)	(1%)	0.00	0%	(443.73)	(2%)
language/string/typed/append_equal_plus.as	1.33	3%	(102.40)	(0%)	0.00	0%	(409.60)	(2%)
asmicro/alloc-14.as	(0.83)	(1%)	34.13	1%	0.35	0%	(68.27)	(2%)
language/string/substr.as	(1.33)	(1%)	(204.80)	(4%)	0.00	0%	(68.27)	(1%)
language/string/replace.as	0.33	0%	(68.27)	(1%)	44.00	13%	(68.27)	(1%)
sunspider-0.9.1/typed/s3d-raytrace.as	(0.67)	(11%)	(102.40)	(3%)	0.33	5%	(34.13)	(1%)
v8/crypto.as	(26.33)	(3%)	0.00	0%	(6.33)	(1%)	(34.13)	(1%)
asmicro/bytearray-read-utfbytes-2.as	(0.17)	(4%)	(204.80)	(7%)	0.01	0%	(34.13)	(1%)
asmicro/array-sort-2.as	0.03	1%	(170.67)	(5%)	(0.03)	(1%)	(34.13)	(1%)
language/e4x/simpleStringConcatenation.as	0.33	25%	(34.13)	(1%)	0.00	0%	(34.13)	(1%)
misc/bytearray-to-vector-be.as	0.88	0%	102.40	3%	(1.66)	(0%)	(34.13)	(1%)
language/string/static_latin1_array_50.as	(1.00)	(1%)	204.80	2%	(0.33)	(0%)	(68.27)	(1%)
jsbench/Crypt.as	32.00	1%	(1570.13)	(1%)	7.00	0%	(648.53)	(1%)
sunspider-0.9.1/js/s3d-raytrace.as	1.33	3%	(34.13)	(1%)	2.67	5%	(34.13)	(1%)
language/string/static_latin1_array_100.as	(2.00)	(1%)	170.67	1%	0.67	0%	(34.13)	(0%)
asmicro/alloc-0.as	0.09	0%	0.00	0%	(0.11)	(0%)	0.00	0%
asmicro/alloc-1.as	(0.21)	(0%)	0.00	0%	(0.08)	(0%)	0.00	0%
asmicro/alloc-11.as	0.17	1%	0.00	0%	0.02	0%	0.00	0%
asmicro/alloc-12.as	0.11	1%	0.00	0%	0.08	0%	0.00	0%
asmicro/alloc-13.as	(0.40)	(0%)	0.00	0%	0.08	0%	0.00	0%
asmicro/alloc-2.as	(1.22)	(5%)	0.00	0%	0.11	0%	0.00	0%
asmicro/alloc-4.as	0.64	1%	0.00	0%	0.02	0%	0.00	0%
asmicro/alloc-5.as	0.72	2%	0.00	0%	0.29	1%	0.00	0%
asmicro/alloc-6.as	0.84	1%	0.00	0%	0.87	1%	0.00	0%
asmicro/alloc-7.as	(0.14)	(0%)	0.00	0%	(0.19)	(0%)	0.00	0%

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sunspider/string-fasta.as	(1.67)	(3%)	(204.80)	(10%)	(6.00)	(12%)	68.27	3%
asmicro/vector-write-Number-2.as	0.20	0%	(68.27)	(2%)	(0.67)	(0%)	102.40	3%
asmicro/vector-write-Object-1.as	(1.12)	(2%)	(102.40)	(5%)	(0.02)	(0%)	68.27	3%
asmicro/vector-write-Object-2.as	(0.07)	(0%)	(102.40)	(5%)	(1.24)	(2%)	68.27	3%
asmicro/array-write-int-2.as	(0.78)	(2%)	(34.13)	(1%)	0.09	0%	102.40	3%
language/e4x/usingAppendChildAndE4X.as	0.67	2%	(204.80)	(6%)	0.00	0%	136.53	4%
jsmicro/alloc-14.as	(0.46)	(1%)	34.13	1%	(0.22)	(0%)	170.67	4%
language/string/typed/replace.as	12.33	4%	204.80	3%	62.67	18%	238.93	4%
language/string/typed/slice.as	0.00	0%	(546.13)	(7%)	(0.33)	(0%)	307.20	4%
v8.5/untyped/richards.as	(3.67)	(1%)	(68.27)	(3%)	16.00	3%	102.40	4%
sunspider-0.9.1/js/crypto-aes.as	0.67	3%	(102.40)	(5%)	(0.67)	(3%)	102.40	5%
v8.5/js/crypto.as	(46.00)	(5%)	(102.40)	(5%)	(11.67)	(1%)	102.40	5%
asmicro/bytearray-read-bytes-1.as	0.25	1%	(102.40)	(4%)	(0.22)	(1%)	136.53	5%
jsmicro/lookup-array-in-1.as	(20.98)	(2%)	(477.87)	(8%)	19.31	2%	307.20	5%
sunspider-0.9.1/typed/regexp-dna.as	0.00	0%	1058.13	8%	(13.00)	(2%)	546.13	5%
language/e4x/addingToXMLList.as	1.00	8%	(307.20)	(8%)	(1.00)	(8%)	238.93	6%
jsbench/typed/FFT.as	(0.33)	(0%)	955.73	4%	0.67	0%	1228.80	6%
sunspider/as3/s3d-cube.as	0.00	0%	(102.40)	(5%)	(0.67)	(5%)	136.53	6%
v8/typed/deltablue.as	12.00	0%	(341.33)	(8%)	(27.00)	(1%)	273.07	6%
sunspider/access-nsieve.as	0.67	3%	(443.73)	(11%)	(0.67)	(3%)	273.07	6%
v8.5/untyped/deltablue.as	(3.67)	(0%)	(409.60)	(10%)	(19.67)	(1%)	273.07	6%
sunspider-0.9.1/typed/crypto-aes.as	(0.33)	(2%)	(102.40)	(5%)	0.00	0%	136.53	6%
jsmicro/array-shift-1.as	0.17	0%	34.13	1%	(1.21)	(2%)	341.33	7%
asmicro/bytearray-write-utf-1.as	0.02	0%	(102.40)	(4%)	(0.13)	(0%)	204.80	7%
asmicro/lookup-negindex-array-1.as	5.49	1%	0.00	0%	6.19	1%	204.80	7%
asmicro/lookup-negindex-object-1.as	7.48	1%	0.00	0%	0.00	0%	204.80	7%
v8.5/js/raytrace.as	(12.67)	(1%)	(512.00)	(15%)	(4.33)	(1%)	238.93	7%
v8.5/optimized/deltablue.as	(16.33)	(0%)	(273.07)	(6%)	(59.00)	(1%)	341.33	7%
jsbench/LUFact.as	113.33	3%	4061.87	6%	(37.00)	(1%)	5154.13	8%
v8.5/typed/deltablue.as	(27.00)	(1%)	(443.73)	(10%)	(28.33)	(1%)	375.47	8%
sunspider/as3/crypto-md5.as	(0.33)	(4%)	0.00	0%	(1.00)	(11%)	204.80	9%
sunspider/as3vector/s3d-morph.as	(0.33)	(4%)	0.00	0%	0.00	0%	204.80	9%
v8/deltablue.as	41.00	2%	(512.00)	(13%)	(20.67)	(1%)	477.87	10%
sunspider-0.9.1/typed/string-unpack-code.as	(10.67)	(0%)	(1297.07)	(8%)	306.00	9%	1638.40	10%
language/e4x/appendChildAndString.as	1.00	3%	(204.80)	(5%)	(0.67)	(2%)	477.87	11%
sunspider/access-nbody.as	(1.00)	(2%)	(648.53)	(16%)	1.67	3%	648.53	14%
sunspider-0.9.1/typed/string-fasta.as	0.67	3%	(716.80)	(18%)	(1.67)	(8%)	716.80	15%
jsbench/Series.as	208.67	3%	(2184.53)	(6%)	71.00	1%	6724.27	17%
sunspider/as3/access-nsieve.as	0.00	0%	(102.40)	(2%)	0.33	3%	1024.00	21%

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sunspider/math-cordic.as	(1.67)	(4%)	(1399.47)	(36%)	2.67	7%	1536.00	28%
jsbench/FFT.as	(52.67)	(1%)	(21060.27)	(35%)	177.00	3%	22971.73	28%
v8/typed/raytrace.as	(84.33)	(1%)	(512.00)	(17%)	51.33	1%	1467.73	32%
sunspider-0.9.1/js/s3d-morph.as	(4.33)	(11%)	(3003.73)	(55%)	2.33	5%	2730.67	33%
misc/boishack.as	(1.00)	(0%)	(6109.87)	(56%)	(2.00)	(1%)	5666.13	34%
sunspider-0.9.1/typed/s3d-morph.as	(5.00)	(16%)	(3072.00)	(56%)	3.33	10%	3037.87	35%
sunspider-0.9.1/js/math-partial-sums.as	1.00	1%	(2252.80)	(58%)	3.33	2%	2321.07	37%
v8.5/js/earley-boyer.as	45.33	4%	(7099.73)	(60%)	(41.33)	(3%)	6963.20	37%
v8.5/untyped/earley-boyer.as	53.33	4%	(7270.40)	(62%)	(44.00)	(4%)	6963.20	37%
v8/typed/earley-boyer.as	53.00	4%	(6929.07)	(60%)	(20.67)	(2%)	6963.20	37%
v8.5/js/deltablue.as	4.00	1%	(3106.13)	(74%)	(7.67)	(2%)	2560.00	37%
v8.5/optimized/earley-boyer.as	52.00	4%	(7133.87)	(61%)	(37.33)	(3%)	7304.53	38%
v8.5/typed/earley-boyer.as	39.33	3%	(7509.33)	(64%)	(30.00)	(2%)	7372.80	39%
v8/earley-boyer.as	46.00	4%	(6826.67)	(58%)	(23.67)	(2%)	7475.20	39%
sunspider/as3/date-format-tofte.as	10.67	8%	(2730.67)	(70%)	(4.33)	(3%)	2628.27	40%
sunspider/date-format-tofte.as	3.33	2%	(2662.40)	(68%)	0.67	0%	2764.80	41%
jsbench/typed/Moldyn.as	(515.00)	(15%)	(27545.60)	(549%)	(2.67)	(0%)	3174.40	42%
jsbench/SparseMatmult.as	(122.67)	(2%)	(25565.87)	(69%)	417.67	5%	28057.60	44%
sunspider-0.9.1/js/math-cordic.as	(5.00)	(13%)	(3481.60)	(88%)	4.67	11%	3276.80	45%
sunspider/s3d-cube.as	(9.67)	(19%)	(3345.07)	(78%)	9.67	16%	3447.47	45%
sunspider-0.9.1/js/access-nbody.as	(5.67)	(10%)	(3481.60)	(86%)	6.00	10%	3379.20	45%
asmicro/oop-1.as	(0.10)	(2%)	(5905.07)	(144%)	0.01	0%	3481.60	46%
jsmicro/oop-1.as	(0.17)	(3%)	(4266.67)	(104%)	0.07	2%	3481.60	46%
language/describetype/desctypeperf.as	26.33	5%	(3584.00)	(94%)	(26.00)	(6%)	3549.87	49%
sunspider-0.9.1/js/s3d-cube.as	2.00	4%	(4983.47)	(111%)	(0.67)	(1%)	5188.27	53%
jsbench/Euler.as	(248.00)	(5%)	(20275.20)	(131%)	301.33	6%	20787.20	57%
misc/boids.as	(8.00)	(1%)	(8328.53)	(189%)	10.00	1%	8396.80	66%
v8/raytrace.as	(263.67)	(7%)	(8908.80)	(192%)	205.00	6%	9352.53	67%
v8.5/untyped/raytrace.as	(303.67)	(7%)	(9250.13)	(199%)	281.67	7%	9796.27	68%
jsmicro/alloc-3.as	5.79	50%	(33075.20)	(734%)	(3.38)	(19%)	12219.73	77%
asmicro/alloc-3.as	5.61	47%	(33041.07)	(733%)	(3.47)	(19%)	12834.13	78%
asmicro/alloc-9.as	(4.60)	(30%)	(15872.00)	(352%)	4.52	42%	16452.27	79%
asmicro/alloc-8.as	(4.37)	(29%)	(16315.73)	(362%)	4.36	41%	16622.93	79%
jsmicro/alloc-9.as	(4.31)	(29%)	(16520.53)	(364%)	4.24	41%	17066.67	79%
jsmicro/alloc-8.as	(4.50)	(30%)	(16349.87)	(363%)	4.27	41%	16964.27	79%
scimark/LU.as	(184.33)	(9%)	(24917.33)	(401%)	195.33	9%	24917.33	80%
jsbench/typed/Euler.as	(1,008.67)	(17%)	(24166.40)	(280%)	145.33	8%	27716.27	80%
jsmicro/alloc-10.as	(2.39)	(18%)	(18636.80)	(414%)	2.02	18%	18397.87	81%
asmicro/alloc-10.as	(2.43)	(18%)	(18773.33)	(417%)	2.26	20%	18807.47	81%

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scimark/SOR.as	(258.00)	(16%)	(25668.27)	(411%)	310.00	16%	26112.00	82%
jsmicro/parseFloat-1.as	(6.35)	(9%)	(20275.20)	(483%)	(12.46)	(18%)	22289.07	84%
scimark/FFT.as	(210.67)	(15%)	(26419.20)	(561%)	247.33	15%	26248.53	85%
asmicro/array-write-Number-2.as	(3.17)	(17%)	(25224.53)	(560%)	3.31	21%	25156.27	85%
jsbench/Moldyn.as	(1,005.33)	(14%)	(26828.80)	(546%)	1162.33	14%	27545.60	85%
floatBench/dbl/numInc.as	(1,758.00)	(31%)	(27784.53)	(603%)	1999.33	27%	26726.40	86%
floatBench/dbl/numSub.as	(2,601.33)	(30%)	(29184.00)	(633%)	2924.00	26%	26828.80	86%
jsbench/typed/Series.as	(710.33)	(14%)	(27170.13)	(577%)	751.00	14%	27545.60	86%
asmicro/try-2.as	3.19	20%	(24439.47)	(597%)	(3.00)	(16%)	24507.73	86%
floatBench/dbl/numNeg.as	(905.67)	(32%)	(26999.47)	(586%)	1011.33	27%	27136.00	86%
jsmicro/try-2.as	3.01	20%	(25838.93)	(631%)	(2.38)	(13%)	24746.67	86%
floatBench/dbl/numAdd.as	(2,629.33)	(29%)	(29696.00)	(644%)	2977.00	25%	27374.93	86%
floatBench/dbl/numMul.as	(2,616.67)	(31%)	(27340.80)	(593%)	2998.33	27%	27374.93	86%
asmicro/array-write-Number-1.as	(5.01)	(19%)	(26726.40)	(593%)	5.48	26%	26794.67	86%
floatBench/dbl/numDec.as	(1,747.33)	(31%)	(27238.40)	(591%)	1985.00	27%	27716.27	86%
floatBench/dbl/numDiv.as	(2,607.00)	(30%)	(26965.33)	(585%)	2966.00	27%	27921.07	86%
jsmicro/for-2.as	(51.43)	(20%)	(26999.47)	(613%)	58.16	30%	26589.87	86%
floatBench/dbl/numMod.as	(138.67)	(7%)	(27682.13)	(659%)	119.33	6%	26692.27	87%
jsmicro/for-3.as	(43.35)	(23%)	(26828.80)	(595%)	45.00	31%	28979.20	87%