

t/m d(avg) %d(avg)

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
asmicro/alloc-0.as	iterations/second	71.64	71.74	118.91	118.80	2048.0	2048.0	2048.0	2048.0
asmicro/alloc-1.as	iterations/second	50.08	49.87	56.87	56.79	2048.0	2048.0	2048.0	2048.0
asmicro/alloc-10.as	iterations/second	13.54	11.11	11.09	13.35	4505.6	23278.9	23278.9	4471.5
asmicro/alloc-11.as	iterations/second	18.46	18.63	17.30	17.31	2048.0	2048.0	2048.0	2048.0
asmicro/alloc-12.as	iterations/second	18.64	18.75	17.41	17.49	2048.0	2048.0	2048.0	2048.0
asmicro/alloc-13.as	iterations/second	122.43	122.02	118.45	118.53	2048.0	2048.0	2048.0	2048.0
asmicro/alloc-14.as	iterations/second	97.95	97.12	94.50	94.84	4539.7	4505.6	4369.1	4437.3
asmicro/alloc-2.as	iterations/second	26.84	25.62	30.38	30.49	2048.0	2048.0	2048.0	2048.0
asmicro/alloc-3.as	iterations/second	11.90	17.50	18.51	15.03	4505.6	37546.7	16418.1	3584.0
asmicro/alloc-4.as	iterations/second	61.90	62.54	59.21	59.23	2048.0	2048.0	2048.0	2048.0
asmicro/alloc-5.as	iterations/second	45.04	45.76	43.45	43.74	2048.0	2048.0	2048.0	2048.0
asmicro/alloc-6.as	iterations/second	94.81	95.65	91.82	92.69	2048.0	2048.0	2048.0	2048.0
asmicro/alloc-7.as	iterations/second	52.03	51.89	52.39	52.20	2048.0	2048.0	2048.0	2048.0
asmicro/alloc-8.as	iterations/second	15.15	10.78	10.72	15.08	4505.6	20821.3	21026.1	4403.2
asmicro/alloc-9.as	iterations/second	15.18	10.58	10.64	15.16	4505.6	20377.6	20855.5	4403.2
asmicro/arguments-1.as	iterations/second	1,124.21	1,019.31	1,142.19	1,145.85	2048.0	2048.0	2048.0	2048.0
asmicro/arguments-2.as	iterations/second	664.01	628.16	586.36	585.03	2048.0	2048.0	2048.0	2048.0
asmicro/arguments-3.as	iterations/second	26.75	27.02	24.26	25.15	2048.0	2048.0	2048.0	2048.0
asmicro/arguments-4.as	iterations/second	37.79	37.78	32.44	32.75	2048.0	2048.0	2048.0	2048.0
asmicro/array-1.as	iterations/second	1,727.94	2,371.30	3,825.51	3,815.52	2048.0	2048.0	2048.0	2048.0
asmicro/array-2.as	iterations/second	869.51	825.51	857.57	809.52	2048.0	2048.0	2048.0	2048.0
asmicro/array-foreach-func.as	iterations/second	434.42	434.13	428.76	431.28	2048.0	2048.0	2048.0	2048.0
asmicro/array-foreach-method-sans-types.as	iterations/second	672.65	668.78	675.76	678.99	2048.0	2048.0	2048.0	2048.0
asmicro/array-foreach-method-with-types.as	iterations/second	352.08	357.74	464.71	448.25	2048.0	2048.0	2048.0	2048.0
asmicro/array-init-1.as	iterations/second	559.92	571.10	542.46	541.10	2048.0	2048.0	2048.0	2048.0
asmicro/array-init-2.as	iterations/second	572.57	589.02	555.93	555.44	2048.0	2048.0	2048.0	2048.0
asmicro/array-init-3.as	iterations/second	387.96	392.22	368.26	363.15	2048.0	2048.0	2048.0	2048.0
asmicro/array-init-4.as	iterations/second	377.24	381.32	339.43	359.40	2048.0	2048.0	2048.0	2048.0
asmicro/array-pop-1.as	iterations/second	498.00	498.34	478.87	480.36	3584.0	3652.3	3686.4	3686.4
asmicro/array-push-1.as	iterations/second	384.77	387.48	389.48	385.43	2048.0	2048.0	2048.0	2048.0
asmicro/array-read-C-1.as	iterations/second	235.22	234.86	561.07	561.40	2048.0	2048.0	2048.0	2048.0
asmicro/array-read-C-2.as	iterations/second	59.37	59.37	37.52	37.39	2048.0	2048.0	2048.0	2048.0
asmicro/array-read-int-1.as	iterations/second	236.13	236.13	555.26	555.26	2048.0	2048.0	2048.0	2048.0
asmicro/array-read-int-2.as	iterations/second	59.39	59.45	37.22	37.15	2048.0	2048.0	2048.0	2048.0
asmicro/array-read-int-5.as	iterations/second	158.52	203.12	316.26	316.16	2048.0	2048.0	2048.0	2048.0
asmicro/array-read-int-6.as	iterations/second	158.52	203.12	316.37	315.95	2048.0	2048.0	2048.0	2048.0
asmicro/array-read-int-7.as	iterations/second	156.91	205.59	316.37	316.47	2048.0	2048.0	2048.0	2048.0
asmicro/array-read-length-1.as	iterations/second	96.04	96.07	95.99	95.96	2048.0	2048.0	2048.0	2048.0

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
asmicro/array-read-Number-1.as	iterations/second	236.13	236.06	555.26	555.07	2048.0	2048.0	2048.0	2048.0
asmicro/array-read-Number-2.as	iterations/second	59.37	59.39	37.52	37.32	2048.0	2048.0	2048.0	2048.0
asmicro/array-shift-1.as	iterations/second	156.27	154.33	149.20	149.30	3584.0	3686.4	3754.7	3686.4
asmicro/array-slice-1.as	iterations/second	28.64	29.85	27.20	27.76	2048.0	2048.0	2048.0	2048.0
asmicro/array-sort-1.as	iterations/second	38.85	39.28	37.88	37.66	3584.0	3686.4	3891.2	3891.2
asmicro/array-sort-2.as	iterations/second	3.18	3.21	3.18	3.15	3106.1	3276.8	3276.8	3310.9
asmicro/array-sort-3.as	iterations/second	29.83	29.69	28.22	28.54	7611.7	7680.0	7953.1	7782.4
asmicro/array-sort-4.as	iterations/second	13.23	13.31	14.18	14.06	8396.8	8294.4	8499.2	8499.2
asmicro/array-unshift-1.as	iterations/second	202.93	204.72	191.49	192.55	2048.0	2048.0	2048.0	2048.0
asmicro/array-write-C-1.as	iterations/second	61.96	62.83	62.14	61.12	2048.0	2150.4	2150.4	2116.3
asmicro/array-write-C-2.as	iterations/second	31.52	31.44	31.15	30.87	2969.6	3037.9	3072.0	3037.9
asmicro/array-write-int-1.as	iterations/second	74.50	71.71	75.47	70.62	2218.7	2252.8	2457.6	2457.6
asmicro/array-write-int-2.as	iterations/second	35.02	34.24	33.65	33.74	3072.0	3106.1	3174.4	3072.0
asmicro/array-write-int-3.as	iterations/second	84.66	78.32	83.22	78.55	2252.8	2321.1	2491.7	2457.6
asmicro/array-write-int-4.as	iterations/second	84.66	78.24	83.17	80.85	2286.9	2321.1	2525.9	2457.6
asmicro/array-write-int-5.as	iterations/second	84.49	77.51	82.86	77.41	2252.8	2252.8	2525.9	2457.6
asmicro/array-write-Number-1.as	iterations/second	26.44	21.43	21.33	26.81	4505.6	31232.0	31197.9	4403.2
asmicro/array-write-Number-2.as	iterations/second	19.15	15.98	15.85	19.16	4505.6	29730.1	29661.9	4505.6
asmicro/bytearray-read-available-1.as	iterations/second	173.31	183.45	183.63	183.51	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-bool-1.as	iterations/second	10.90	10.91	27.97	27.96	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-byte-1.as	iterations/second	10.98	11.17	28.20	28.21	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-byte-2.as	iterations/second	119.13	119.13	123.79	123.55	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-byte-3.as	iterations/second	102.90	102.90	106.26	105.93	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-bytes-1.as	iterations/second	20.52	20.77	20.39	20.17	2560.0	2662.4	2867.2	2730.7
asmicro/bytearray-read-bytes-2.as	iterations/second	975.69	975.37	965.03	965.71	4198.4	4096.0	4198.4	4198.4
asmicro/bytearray-read-double-1.as	iterations/second	10.10	10.29	20.49	20.47	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-double-2.as	iterations/second	10.27	11.03	35.47	35.47	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-float-1.as	iterations/second	10.26	10.67	28.27	28.27	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-float-2.as	iterations/second	10.80	11.40	35.05	35.00	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-int-1.as	iterations/second	10.44	10.90	24.63	24.63	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-int-2.as	iterations/second	11.18	11.42	26.66	26.66	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-length-1.as	iterations/second	190.18	190.24	190.24	190.11	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-position-1.as	iterations/second	190.24	186.38	190.11	190.30	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-short-1.as	iterations/second	9.86	9.84	26.56	26.54	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-short-2.as	iterations/second	10.38	10.19	26.68	26.66	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-ubyte-1.as	iterations/second	11.05	11.17	28.20	28.21	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-uint-1.as	iterations/second	10.48	10.87	25.58	25.50	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-uint-2.as	iterations/second	11.10	11.38	26.68	26.66	2048.0	2048.0	2048.0	2048.0

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
asmicro/bytearray-read-ushort-1.as	iterations/second	9.80	9.84	26.57	26.56	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-ushort-2.as	iterations/second	10.20	10.32	26.67	26.67	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-utf-1.as	iterations/second	19.10	17.38	41.12	41.41	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-utf-2.as	iterations/second	4.45	4.26	4.68	4.68	2969.6	3174.4	3174.4	3174.4
asmicro/bytearray-read-utfbytes-1.as	iterations/second	18.55	17.50	39.31	39.41	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-utfbytes-2.as	iterations/second	4.43	4.27	4.66	4.66	2969.6	3174.4	3174.4	3208.5
asmicro/bytearray-write-bool-1.as	iterations/second	7.87	7.81	21.93	22.12	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-byte-1.as	iterations/second	7.74	7.82	22.31	22.30	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-byte-2.as	iterations/second	81.11	79.42	88.79	89.67	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-byte-3.as	iterations/second	81.35	82.02	90.04	87.10	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-bytes-1.as	iterations/second	26.52	25.86	25.24	25.24	2867.2	2901.3	2969.6	2969.6
asmicro/bytearray-write-bytes-2.as	iterations/second	1,368.63	1,374.29	1,335.33	1,332.33	4266.7	4198.4	4198.4	4198.4
asmicro/bytearray-write-double-1.as	iterations/second	7.35	7.32	18.47	18.38	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-double-2.as	iterations/second	7.37	7.49	23.35	23.32	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-float-1.as	iterations/second	7.20	7.19	18.68	19.02	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-float-2.as	iterations/second	7.67	7.60	22.95	22.95	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-int-1.as	iterations/second	7.36	7.26	20.72	20.71	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-int-2.as	iterations/second	7.81	7.80	22.17	22.18	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-position-1.as	iterations/second	194.03	193.83	193.96	194.03	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-short-1.as	iterations/second	7.28	7.24	21.56	21.56	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-short-2.as	iterations/second	7.45	7.47	22.18	22.16	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-uint-1.as	iterations/second	7.36	7.26	20.72	20.72	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-uint-2.as	iterations/second	7.80	7.80	22.18	22.18	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-utf-1.as	iterations/second	55.80	55.81	53.92	53.78	2560.0	2662.4	2867.2	2662.4
asmicro/bytearray-write-utf-2.as	iterations/second	30.64	30.58	30.24	30.47	5734.4	5563.7	5597.9	5597.9
asmicro/bytearray-write-utfbytes-1.as	iterations/second	77.28	78.45	75.07	74.83	2355.2	2457.6	2491.7	2457.6
asmicro/bytearray-write-utfbytes-2.as	iterations/second	34.40	34.43	34.49	34.54	5734.4	5597.9	5666.1	5632.0
asmicro/closedvar-read-1.as	iterations/second	4,540.13	4,535.46	4,525.14	4,524.81	2048.0	2048.0	2048.0	2048.0
asmicro/closedvar-write-1.as	iterations/second	2,641.03	2,638.69	2,639.69	2,640.03	2048.0	2048.0	2048.0	2048.0
asmicro/closedvar-write-2.as	iterations/second	2,641.36	2,639.03	2,640.36	2,640.36	2048.0	2048.0	2048.0	2048.0
asmicro/do-1.as	iterations/second	5,273.39	5,272.39	5,274.39	5,272.39	2048.0	2048.0	2048.0	2048.0
asmicro/for-1.as	iterations/second	4,524.48	4,521.15	4,520.81	4,520.48	2048.0	2048.0	2048.0	2048.0
asmicro/for-2.as	iterations/second	2,880.12	2,880.45	2,880.79	2,878.79	2048.0	2048.0	2048.0	2048.0
asmicro/for-3.as	iterations/second	2,881.45	2,879.45	2,880.79	2,879.79	2048.0	2048.0	2048.0	2048.0
asmicro/for-in-1.as	iterations/second	495.50	495.50	492.34	494.51	2048.0	2048.0	2048.0	2048.0
asmicro/for-in-2.as	iterations/second	463.41	463.20	468.22	472.72	2048.0	2048.0	2048.0	2048.0
asmicro/funcall-1.as	iterations/second	487.85	487.85	487.68	487.52	2048.0	2048.0	2048.0	2048.0
asmicro/funcall-2.as	iterations/second	335.99	336.33	401.86	401.80	2048.0	2048.0	2048.0	2048.0

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
asmicro/funcall-3.as	iterations/second	440.97	440.68	450.43	453.09	2048.0	2048.0	2048.0	2048.0
asmicro/funcall-4.as	iterations/second	156.53	158.19	153.49	147.88	2150.4	2286.9	2355.2	2355.2
asmicro/globalvar-read-1.as	iterations/second	4,525.47	4,523.14	4,565.10	4,537.46	2048.0	2048.0	2048.0	2048.0
asmicro/globalvar-write-1.as	iterations/second	2,640.69	2,640.36	2,640.69	2,639.69	2048.0	2048.0	2048.0	2048.0
asmicro/isNaN-1.as	iterations/second	3,752.25	3,752.91	3,753.91	3,754.91	2048.0	2048.0	2048.0	2048.0
asmicro/isNaN-2.as	iterations/second	4,275.39	4,276.39	4,275.72	4,274.39	2048.0	2048.0	2048.0	2048.0
asmicro/isNaN-3.as	iterations/second	3,974.03	3,976.02	4,216.12	4,214.79	2048.0	2048.0	2048.0	2048.0
asmicro/lookup-array-fetch-1.as	iterations/second	858.47	869.46	672.77	689.64	5836.8	6041.6	6246.4	6075.7
asmicro/lookup-array-in-1.as	iterations/second	2,026.97	1,970.03	1,962.04	2,008.33	5836.8	6041.6	6041.6	5939.2
asmicro/lookup-negindex-array-1.as	iterations/second	497.67	503.16	460.90	467.09	2662.4	2662.4	2867.2	2662.4
asmicro/lookup-negindex-array-2.as	iterations/second	435.56	435.27	363.52	361.37	2355.2	2457.6	2491.7	2457.6
asmicro/lookup-negindex-object-1.as	iterations/second	510.99	518.47	502.00	502.00	2662.4	2662.4	2867.2	2662.4
asmicro/lookup-negindex-object-2.as	iterations/second	490.52	494.51	472.04	472.70	2355.2	2457.6	2491.7	2457.6
asmicro/lookup-object-fetch-1.as	iterations/second	1,041.29	1,022.31	814.85	815.31	6963.2	7065.6	7065.6	7065.6
asmicro/lookup-object-in-1.as	iterations/second	1,714.95	1,670.33	1,669.66	1,700.97	6963.2	7065.6	7065.6	7065.6
asmicro/number-toString-1.as	iterations/second	10.69	10.51	10.14	10.20	2048.0	2048.0	2048.0	2048.0
asmicro/number-toString-2.as	iterations/second	98.47	98.84	97.64	97.51	2048.0	2048.0	2048.0	2048.0
asmicro/object-read-length-1.as	iterations/second	351.53	351.53	351.41	351.41	2048.0	2048.0	2048.0	2048.0
asmicro/oop-1.as	iterations/second	5.25	5.15	4.28	4.29	4096.0	10001.1	7577.6	4096.0
asmicro/parseFloat-1.as	iterations/second	97.77	97.87	110.70	110.16	2048.0	2048.0	2048.0	2048.0
asmicro/parseInt-1.as	iterations/second	247.84	247.84	242.27	240.52	2048.0	2048.0	2048.0	2048.0
asmicro/regex-exec-1.as	iterations/second	91.90	86.73	77.38	75.50	2048.0	2048.0	2048.0	2048.0
asmicro/regex-exec-2.as	iterations/second	111.59	105.70	94.22	91.57	2048.0	2048.0	2048.0	2048.0
asmicro/regex-exec-3.as	iterations/second	155.22	153.39	147.51	143.61	2048.0	2048.0	2048.0	2048.0
asmicro/regex-exec-4.as	iterations/second	441.26	432.76	373.25	362.61	2048.0	2048.0	2048.0	2048.0
asmicro/restarg-1.as	iterations/second	1,124.88	1,020.31	1,141.53	1,143.86	2048.0	2048.0	2048.0	2048.0
asmicro/restarg-2.as	iterations/second	661.67	625.75	581.56	583.22	2048.0	2048.0	2048.0	2048.0
asmicro/restarg-3.as	iterations/second	49.39	50.58	46.74	46.88	2048.0	2048.0	2048.0	2048.0
asmicro/restarg-4.as	iterations/second	37.74	37.87	32.35	32.83	2048.0	2048.0	2048.0	2048.0
asmicro/string-casechange-1.as	iterations/second	36.31	36.67	36.14	34.11	2048.0	2048.0	2048.0	2048.0
asmicro/string-casechange-2.as	iterations/second	36.38	36.49	36.03	34.05	2048.0	2048.0	2048.0	2048.0
asmicro/string-charAt-1.as	iterations/second	2,093.57	2,093.24	2,110.89	2,109.89	2048.0	2048.0	2048.0	2048.0
asmicro/string-charAt-2.as	iterations/second	107.57	107.53	107.95	107.75	2048.0	2048.0	2048.0	2048.0
asmicro/string-charCodeAt-1.as	iterations/second	2,385.28	2,387.61	2,386.95	2,385.28	2048.0	2048.0	2048.0	2048.0
asmicro/string-charCodeAt-2.as	iterations/second	2,266.07	2,265.73	2,273.06	2,275.06	2048.0	2048.0	2048.0	2048.0
asmicro/string-charCodeAt-3.as	iterations/second	1,611.06	1,611.06	1,594.41	1,589.74	2048.0	2048.0	2048.0	2048.0
asmicro/string-charCodeAt-4.as	iterations/second	2,598.07	2,596.07	2,597.74	2,597.74	2048.0	2048.0	2048.0	2048.0
asmicro/string-charCodeAt-5.as	iterations/second	1,425.57	1,425.24	1,313.02	1,425.24	2048.0	2048.0	2048.0	2048.0

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
asmicro/string-charCodeAt-6.as	iterations/second	2,384.95	2,385.95	2,387.28	2,386.61	2048.0	2048.0	2048.0	2048.0
asmicro/string-charCodeAt-7.as	iterations/second	2,587.75	2,588.74	2,587.08	2,588.74	2048.0	2048.0	2048.0	2048.0
asmicro/string-fromCharCode-1.as	iterations/second	406.78	406.99	421.91	391.88	2048.0	2048.0	2048.0	2048.0
asmicro/string-fromCharCode-2.as	iterations/second	81.86	82.37	83.61	82.34	2048.0	2048.0	2048.0	2048.0
asmicro/string-indexOf-1.as	iterations/second	350.42	350.73	347.64	186.36	2048.0	2048.0	2048.0	2048.0
asmicro/string-indexOf-2.as	iterations/second	183.72	185.63	165.95	137.98	2048.0	2048.0	2048.0	2048.0
asmicro/string-indexOf-3.as	iterations/second	140.82	140.81	140.16	141.01	2048.0	2048.0	2048.0	2048.0
asmicro/string-lastIndexOf-1.as	iterations/second	813.52	813.85	793.54	792.94	2048.0	2048.0	2048.0	2048.0
asmicro/string-lastIndexOf-2.as	iterations/second	139.81	139.26	139.30	188.83	2048.0	2048.0	2048.0	2048.0
asmicro/string-lastIndexOf-3.as	iterations/second	148.34	149.27	147.66	195.95	2048.0	2048.0	2048.0	2048.0
asmicro/string-slice-1.as	iterations/second	174.24	173.65	175.65	175.47	2048.0	2048.0	2048.0	2048.0
asmicro/string-split-1.as	iterations/second	12.02	12.10	11.69	11.68	2048.0	2048.0	2048.0	2048.0
asmicro/string-split-2.as	iterations/second	11.74	11.87	11.46	11.44	2048.0	2048.0	2048.0	2048.0
asmicro/string-substring-1.as	iterations/second	184.08	183.57	184.45	184.14	2048.0	2048.0	2048.0	2048.0
asmicro/switch-1.as	iterations/second	906.46	906.09	906.09	906.43	2048.0	2048.0	2048.0	2048.0
asmicro/switch-2.as	iterations/second	148.31	148.31	146.32	147.61	2048.0	2048.0	2048.0	2048.0
asmicro/switch-3.as	iterations/second	302.09	302.29	299.60	299.30	2048.0	2048.0	2048.0	2048.0
asmicro/try-1.as	iterations/second	357.40	357.17	349.20	347.75	2048.0	2048.0	2048.0	2048.0
asmicro/try-2.as	iterations/second	15.60	18.79	18.69	15.69	4096.0	28535.5	28603.7	4096.0
asmicro/try-3.as	iterations/second	74.00	73.88	74.16	73.84	2048.0	2048.0	2048.0	2048.0
asmicro/vector-init-1.as	iterations/second	330.78	331.00	318.70	319.03	2048.0	2048.0	2048.0	2048.0
asmicro/vector-init-2.as	iterations/second	420.44	416.83	398.14	398.87	2048.0	2048.0	2048.0	2048.0
asmicro/vector-init-3.as	iterations/second	230.39	231.64	217.49	214.21	2048.0	2048.0	2048.0	2048.0
asmicro/vector-init-4.as	iterations/second	193.34	189.35	186.53	185.57	2048.0	2048.0	2048.0	2048.0
asmicro/vector-nested-read-Number-1.as	iterations/second	60.42	60.42	288.52	288.76	2048.0	2048.0	2048.0	2048.0
asmicro/vector-nested-read-Number-2.as	iterations/second	89.73	89.70	288.90	288.71	2048.0	2048.0	2048.0	2048.0
asmicro/vector-push-1.as	iterations/second	64.48	63.72	78.07	77.10	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-C-1.as	iterations/second	129.78	129.78	684.86	684.42	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-C-2.as	iterations/second	125.75	125.75	656.69	656.24	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-char-1.as	iterations/second	37.86	37.74	209.79	209.58	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-char-2.as	iterations/second	118.21	118.21	210.37	210.37	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-int-1.as	iterations/second	279.02	278.92	715.95	715.62	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-int-2.as	iterations/second	280.63	280.11	749.33	749.58	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-int-3.as	iterations/second	262.81	262.95	656.34	656.01	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-int-4.as	iterations/second	278.98	278.92	758.74	758.32	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-int-5.as	iterations/second	214.21	214.14	405.46	405.32	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-int-6.as	iterations/second	214.21	214.14	405.19	404.99	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-int-7.as	iterations/second	211.23	211.44	376.50	376.50	2048.0	2048.0	2048.0	2048.0

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
asmicro/vector-read-length-1.as	iterations/second	121.93	121.88	296.51	296.17	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-Number-1.as	iterations/second	280.25	281.35	716.14	716.47	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-Number-2.as	iterations/second	273.66	273.39	716.05	715.28	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-uint-1.as	iterations/second	278.92	278.83	758.99	758.91	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-uint-2.as	iterations/second	282.77	282.86	749.92	749.25	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-uint-3.as	iterations/second	257.23	256.56	631.16	631.16	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-uint-4.as	iterations/second	278.83	278.44	715.71	715.38	2048.0	2048.0	2048.0	2048.0
asmicro/vector-write-Boolean-1.as	iterations/second	90.49	82.53	91.93	91.93	2389.3	2457.6	2560.0	2560.0
asmicro/vector-write-C-1.as	iterations/second	46.44	45.42	110.30	106.92	2048.0	2150.4	2321.1	2321.1
asmicro/vector-write-C-2.as	iterations/second	46.35	45.05	109.30	104.88	2048.0	2150.4	2286.9	2355.2
asmicro/vector-write-int-1.as	iterations/second	193.36	193.42	365.90	366.27	2457.6	2491.7	2560.0	2560.0
asmicro/vector-write-int-2.as	iterations/second	194.48	194.35	363.15	363.15	2457.6	2560.0	2560.0	2560.0
asmicro/vector-write-int-3.as	iterations/second	151.39	151.34	339.77	339.55	2355.2	2389.3	2457.6	2457.6
asmicro/vector-write-int-4.as	iterations/second	144.42	144.42	339.43	339.43	2150.4	2355.2	2457.6	2457.6
asmicro/vector-write-int-5.as	iterations/second	143.86	143.86	341.09	340.98	2150.4	2355.2	2457.6	2457.6
asmicro/vector-write-Number-1.as	iterations/second	198.07	198.47	358.07	358.07	3242.7	3276.8	3208.5	3174.4
asmicro/vector-write-Number-2.as	iterations/second	198.67	198.87	362.40	361.73	3208.5	3276.8	3310.9	3208.5
asmicro/vector-write-Object-1.as	iterations/second	67.13	66.01	67.17	67.15	2048.0	2150.4	2150.4	2082.1
asmicro/vector-write-Object-2.as	iterations/second	66.84	66.78	66.82	65.59	2048.0	2150.4	2150.4	2082.1
asmicro/vector-write-uint-1.as	iterations/second	193.29	193.23	366.93	366.81	2457.6	2560.0	2560.0	2560.0
asmicro/vector-write-uint-2.as	iterations/second	194.16	194.03	362.91	363.15	2457.6	2525.9	2560.0	2560.0
asmicro/while-1.as	iterations/second	4,521.81	4,521.48	4,521.48	4,515.82	2048.0	2048.0	2048.0	2048.0
floatBench/dbl/dblAdd.as	time	567.00	567.00	567.00	566.67	2048.0	2048.0	2048.0	2048.0
floatBench/dbl/dblDec.as	time	630.00	629.33	629.67	630.67	2048.0	2048.0	2048.0	2048.0
floatBench/dbl/dblDiv.as	time	2,361.67	2,362.00	2,361.67	2,362.00	2048.0	2048.0	2048.0	2048.0
floatBench/dbl/dblInc.as	time	630.00	629.67	629.67	630.33	2048.0	2048.0	2048.0	2048.0
floatBench/dbl/dblMod.as	time	1,570.00	1,570.00	1,568.00	1,568.33	2048.0	2048.0	2048.0	2048.0
floatBench/dbl/dblMul.as	time	755.67	756.00	756.00	755.67	2048.0	2048.0	2048.0	2048.0
floatBench/dbl/dblNeg.as	time	238.00	249.00	233.67	235.33	2048.0	2048.0	2048.0	2048.0
floatBench/dbl/dblSub.as	time	567.33	567.00	567.00	567.33	2048.0	2048.0	2048.0	2048.0
floatBench/dbl/numAdd.as	time	9,144.00	11,773.33	11,796.67	8,819.67	4608.0	34304.0	31880.5	4505.6
floatBench/dbl/numDec.as	time	5,646.00	7,393.33	7,412.33	5,427.33	4608.0	31846.4	32221.9	4505.6
floatBench/dbl/numDiv.as	time	8,636.67	11,243.67	11,174.33	8,208.33	4608.0	31573.3	32426.7	4505.6
floatBench/dbl/numInc.as	time	5,631.00	7,389.00	7,427.67	5,428.33	4608.0	32392.5	31232.0	4505.6
floatBench/dbl/numMod.as	time	1,977.33	2,116.00	2,114.33	1,995.00	4198.4	31880.5	30788.3	4096.0
floatBench/dbl/numMul.as	time	8,517.67	11,134.33	11,109.33	8,111.00	4608.0	31948.8	31880.5	4505.6
floatBench/dbl/numNeg.as	time	2,821.67	3,727.33	3,712.67	2,701.33	4608.0	31607.5	31641.6	4505.6
floatBench/dbl/numSub.as	time	8,544.00	11,145.33	11,055.00	8,131.00	4608.0	33792.0	31334.4	4505.6

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
floatBench/NumRayTracer.as	time	809.70	818.63	788.87	794.80	3891.2	3891.2	3891.2	3891.2
jsbench/Crypt.as	time	2,455.33	2,423.33	2,402.00	2,395.00	105676.8	107246.9	101922.1	102570.7
jsbench/Euler.as	time	4,902.67	5,150.67	5,033.00	4,731.67	15530.7	35805.9	36249.6	15462.4
jsbench/FFT.as	time	5,269.33	5,322.00	5,370.00	5,193.00	59835.7	80896.0	81612.8	58641.1
jsbench/HeapSort.as	time	2,429.00	2,436.00	2,412.00	2,414.33	11673.6	11673.6	12185.6	12083.2
jsbench/LUFact.as	time	4,157.67	4,044.33	3,988.67	4,025.67	64955.7	60893.9	65024.0	59869.9
jsbench/Moldyn.as	time	7,159.00	8,164.33	8,157.00	6,994.67	4915.2	31744.0	32256.0	4710.4
jsbench/Series.as	time	6,258.00	6,049.33	5,910.33	5,839.33	36317.9	38502.4	39833.6	33109.3
jsbench/SOR.as	time	22,093.67	23,441.67	23,526.33	21,632.33	72567.5	71543.5	69120.0	73284.3
jsbench/SparseMatmult.as	time	7,403.33	7,526.00	7,724.00	7,306.33	37000.5	62566.4	64204.8	36147.2
jsbench/typed/Crypt.as	time	736.33	735.67	608.00	608.33	37171.2	37171.2	37171.2	37171.2
jsbench/typed/Euler.as	time	5,920.67	6,929.33	1,804.33	1,659.00	8635.7	32802.1	34577.1	6860.8
jsbench/typed/FFT.as	time	991.33	991.67	615.33	614.67	22562.1	21606.4	21606.4	20377.6
jsbench/typed/HeapSort.as	time	938.67	938.00	580.67	579.67	5939.2	5939.2	5939.2	5939.2
jsbench/typed/LUFact.as	time	899.67	927.00	464.33	465.33	10035.2	20309.3	7168.0	7168.0
jsbench/typed/Moldyn.as	time	3,413.67	3,928.67	1,321.00	1,323.67	5017.6	32563.2	7577.6	4403.2
jsbench/typed/Series.as	time	4,950.00	5,660.33	5,502.67	4,751.67	4710.4	31880.5	32153.6	4608.0
jsbench/typed/SOR.as	time	3,064.67	3,072.67	1,330.67	1,330.00	27238.4	30446.9	18944.0	18944.0
jsbench/typed/SparseMatmult.as	time	1,779.00	1,783.33	789.67	797.00	8601.6	8704.0	8704.0	8601.6
jsmicro/alloc-1.as	iterations/second	47.67	47.73	54.11	53.48	2048.0	2048.0	2048.0	2048.0
jsmicro/alloc-10.as	iterations/second	13.28	10.89	10.97	12.98	4505.6	23142.4	22801.1	4403.2
jsmicro/alloc-11.as	iterations/second	16.67	16.80	15.71	15.82	2048.0	2048.0	2048.0	2048.0
jsmicro/alloc-12.as	iterations/second	16.77	16.83	15.83	15.79	2048.0	2048.0	2048.0	2048.0
jsmicro/alloc-13.as	iterations/second	105.19	105.04	103.38	102.49	2048.0	2048.0	2048.0	2048.0
jsmicro/alloc-14.as	iterations/second	86.65	86.20	84.75	84.52	4676.3	4642.1	4505.6	4334.9
jsmicro/alloc-2.as	iterations/second	26.20	25.10	29.41	29.38	2048.0	2048.0	2048.0	2048.0
jsmicro/alloc-3.as	iterations/second	11.50	17.29	18.16	14.78	4505.6	37580.8	15803.7	3584.0
jsmicro/alloc-4.as	iterations/second	59.02	60.10	56.64	56.47	2048.0	2048.0	2048.0	2048.0
jsmicro/alloc-5.as	iterations/second	43.54	44.26	40.68	42.21	2048.0	2048.0	2048.0	2048.0
jsmicro/alloc-6.as	iterations/second	82.42	81.62	81.64	79.35	2048.0	2048.0	2048.0	2048.0
jsmicro/alloc-7.as	iterations/second	52.02	51.60	50.99	50.71	2048.0	2048.0	2048.0	2048.0
jsmicro/alloc-8.as	iterations/second	14.95	10.45	10.48	14.75	4505.6	20855.5	21367.5	4403.2
jsmicro/alloc-9.as	iterations/second	14.80	10.49	10.43	14.67	4539.7	21060.3	21504.0	4437.3
jsmicro/arguments-1.as	iterations/second	210.09	210.30	212.64	213.10	2048.0	2048.0	2048.0	2048.0
jsmicro/arguments-2.as	iterations/second	141.67	141.67	140.77	136.77	2048.0	2048.0	2048.0	2048.0
jsmicro/arguments-3.as	iterations/second	23.29	23.32	21.40	21.57	2048.0	2048.0	2048.0	2048.0
jsmicro/array-1.as	iterations/second	505.49	505.33	509.49	477.04	2048.0	2048.0	2048.0	2048.0
jsmicro/array-2.as	iterations/second	370.01	353.53	373.05	341.66	2048.0	2048.0	2048.0	2048.0

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
jsmicro/array-pop-1.as	iterations/second	97.98	101.46	81.78	81.46	4334.9	4608.0	4642.1	4812.8
jsmicro/array-push-1.as	iterations/second	74.45	74.41	62.25	62.29	2048.0	2048.0	2048.0	2048.0
jsmicro/array-shift-1.as	iterations/second	74.00	74.17	62.34	61.12	4676.3	4642.1	4949.3	4608.0
jsmicro/array-slice-1.as	iterations/second	24.09	24.91	22.06	22.35	2048.0	2048.0	2048.0	2048.0
jsmicro/array-sort-1.as	iterations/second	36.48	36.72	35.24	35.31	4642.1	5154.1	5393.1	5324.8
jsmicro/array-sort-2.as	iterations/second	3.18	3.19	3.16	3.16	3174.4	3242.7	3140.3	3140.3
jsmicro/array-sort-3.as	iterations/second	29.72	29.70	27.91	28.08	7953.1	7884.8	7680.0	7680.0
jsmicro/array-sort-4.as	iterations/second	13.88	13.97	14.75	14.53	8430.9	8635.7	8567.5	8499.2
jsmicro/array-unshift-1.as	iterations/second	27.39	30.58	26.57	26.84	2048.0	2048.0	2048.0	2048.0
jsmicro/closedvar-read-1.as	iterations/second	813.91	813.85	777.69	622.50	2048.0	2048.0	2048.0	2048.0
jsmicro/closedvar-write-1.as	iterations/second	587.49	556.59	556.74	527.77	2048.0	2048.0	2048.0	2048.0
jsmicro/closedvar-write-2.as	iterations/second	587.41	557.07	556.74	488.51	2048.0	2048.0	2048.0	2048.0
jsmicro/do-1.as	iterations/second	835.16	835.27	797.66	634.49	2048.0	2048.0	2048.0	2048.0
jsmicro/for-1.as	iterations/second	813.25	813.58	829.84	647.59	2048.0	2048.0	2048.0	2048.0
jsmicro/for-2.as	iterations/second	251.50	200.07	193.75	251.91	4403.2	31402.7	30788.3	4198.4
jsmicro/for-3.as	iterations/second	188.25	144.90	143.04	188.04	4505.6	31334.4	33245.9	4266.7
jsmicro/for-in-1.as	iterations/second	375.25	375.37	344.20	339.43	2048.0	2048.0	2048.0	2048.0
jsmicro/for-in-2.as	iterations/second	368.51	368.72	375.91	311.69	2048.0	2048.0	2048.0	2048.0
jsmicro/funcall-1.as	iterations/second	329.67	329.78	333.66	316.93	2048.0	2048.0	2048.0	2048.0
jsmicro/funcall-2.as	iterations/second	315.81	315.72	314.37	300.09	2048.0	2048.0	2048.0	2048.0
jsmicro/funcall-3.as	iterations/second	298.30	298.30	294.60	275.90	2048.0	2048.0	2048.0	2048.0
jsmicro/funcall-4.as	iterations/second	2,033.30	2,033.30	2,077.92	2,068.60	2048.0	2048.0	2048.0	2048.0
jsmicro/globalvar-read-1.as	iterations/second	813.58	813.85	777.64	622.09	2048.0	2048.0	2048.0	2048.0
jsmicro/globalvar-write-1.as	iterations/second	587.55	556.74	574.05	488.35	2048.0	2048.0	2048.0	2048.0
jsmicro/isNaN-1.as	iterations/second	598.54	598.54	587.01	528.98	2048.0	2048.0	2048.0	2048.0
jsmicro/lookup-array-fetch-1.as	iterations/second	761.24	766.23	610.85	622.96	5836.8	6041.6	6041.6	5939.2
jsmicro/lookup-array-in-1.as	iterations/second	1,275.06	1,254.08	1,258.74	1,278.06	5836.8	6314.7	6314.7	6007.5
jsmicro/lookup-object-fetch-1.as	iterations/second	901.76	889.52	718.80	707.39	6963.2	7065.6	7065.6	7065.6
jsmicro/lookup-object-in-1.as	iterations/second	1,147.19	1,133.87	1,137.53	1,155.84	6963.2	7065.6	7065.6	7065.6
jsmicro/number-toString-1.as	iterations/second	10.36	10.35	9.98	10.13	2048.0	2048.0	2048.0	2048.0
jsmicro/number-toString-2.as	iterations/second	80.36	80.46	79.02	77.30	2048.0	2048.0	2048.0	2048.0
jsmicro/oop-1.as	iterations/second	5.15	4.98	4.23	4.30	4096.0	8362.7	7577.6	4096.0
jsmicro/parseFloat-1.as	iterations/second	73.22	66.87	69.04	56.59	4198.4	24473.6	26487.5	4198.4
jsmicro/parseln-1.as	iterations/second	171.60	171.60	165.18	148.26	2048.0	2048.0	2048.0	2048.0
jsmicro/regex-exec-1.as	iterations/second	79.95	74.83	67.22	66.22	2048.0	2048.0	2048.0	2048.0
jsmicro/regex-exec-2.as	iterations/second	101.86	96.92	85.57	82.78	2048.0	2048.0	2048.0	2048.0
jsmicro/regex-exec-3.as	iterations/second	138.07	137.98	131.59	127.49	2048.0	2048.0	2048.0	2048.0
jsmicro/regex-exec-4.as	iterations/second	357.50	348.64	304.73	298.97	2048.0	2048.0	2048.0	2048.0

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
jsmicro/string-casechange-1.as	iterations/second	24.00	24.41	23.54	23.68	2048.0	2048.0	2048.0	2048.0
jsmicro/string-casechange-2.as	iterations/second	24.45	24.81	23.78	23.78	2048.0	2048.0	2048.0	2048.0
jsmicro/string-charAt-1.as	iterations/second	142.00	141.20	129.11	126.94	2048.0	2048.0	2048.0	2048.0
jsmicro/string-charAt-2.as	iterations/second	61.84	62.19	59.70	59.09	2048.0	2048.0	2048.0	2048.0
jsmicro/string-charCodeAt-1.as	iterations/second	137.30	134.72	127.57	123.84	2048.0	2048.0	2048.0	2048.0
jsmicro/string-charCodeAt-2.as	iterations/second	133.91	134.46	125.13	122.26	2048.0	2048.0	2048.0	2048.0
jsmicro/string-fromCharCode-1.as	iterations/second	113.18	115.01	105.82	102.23	2048.0	2048.0	2048.0	2048.0
jsmicro/string-fromCharCode-2.as	iterations/second	53.45	53.66	51.66	50.70	2048.0	2048.0	2048.0	2048.0
jsmicro/string-fromCharCode-3.as	iterations/second	94.32	95.93	94.43	92.93	2048.0	2048.0	2048.0	2048.0
jsmicro/string-fromCharCode-4.as	iterations/second	98.64	98.77	96.65	95.74	2048.0	2048.0	2048.0	2048.0
jsmicro/string-indexOf-1.as	iterations/second	121.11	118.91	112.11	96.43	2048.0	2048.0	2048.0	2048.0
jsmicro/string-indexOf-2.as	iterations/second	80.76	79.76	75.93	61.77	2048.0	2048.0	2048.0	2048.0
jsmicro/string-indexOf-3.as	iterations/second	71.64	69.75	66.39	62.40	2048.0	2048.0	2048.0	2048.0
jsmicro/string-lastIndexOf-1.as	iterations/second	121.68	119.13	109.45	107.72	2048.0	2048.0	2048.0	2048.0
jsmicro/string-lastIndexOf-2.as	iterations/second	70.98	69.92	67.38	75.22	2048.0	2048.0	2048.0	2048.0
jsmicro/string-lastIndexOf-3.as	iterations/second	73.85	72.42	68.39	77.29	2048.0	2048.0	2048.0	2048.0
jsmicro/string-slice-1.as	iterations/second	76.08	75.32	73.99	74.15	2048.0	2048.0	2048.0	2048.0
jsmicro/string-split-1.as	iterations/second	11.19	11.09	10.80	10.75	2048.0	2048.0	2048.0	2048.0
jsmicro/string-split-2.as	iterations/second	10.93	10.90	10.59	10.54	2048.0	2048.0	2048.0	2048.0
jsmicro/string-substring-1.as	iterations/second	76.82	76.47	74.94	74.30	2048.0	2048.0	2048.0	2048.0
jsmicro/switch-1.as	iterations/second	134.55	134.42	145.65	140.44	2048.0	2048.0	2048.0	2048.0
jsmicro/switch-2.as	iterations/second	76.69	76.64	85.97	84.16	2048.0	2048.0	2048.0	2048.0
jsmicro/switch-3.as	iterations/second	92.29	92.26	114.65	112.37	2048.0	2048.0	2048.0	2048.0
jsmicro/try-1.as	iterations/second	273.69	273.69	267.62	258.06	2048.0	2048.0	2048.0	2048.0
jsmicro/try-2.as	iterations/second	15.42	18.43	17.89	15.51	4096.0	29934.9	28842.7	4096.0
jsmicro/try-3.as	iterations/second	61.79	62.15	61.88	61.45	2048.0	2048.0	2048.0	2048.0
jsmicro/while-1.as	iterations/second	813.58	813.85	830.17	647.80	2048.0	2048.0	2048.0	2048.0
language/describetype/desctypeperf.as	time	479.00	452.67	452.00	478.00	3822.9	7406.9	7236.3	3686.4
language/e4x/addingToXMLList.as	time	13.00	12.00	13.33	14.33	4027.7	4334.9	4232.5	3993.6
language/e4x/appendChildAndString.as	time	39.00	38.00	37.33	38.00	4096.0	4300.8	4471.5	3993.6
language/e4x/concatenatingStringsFromE4X.as	time	5.33	5.67	4.67	4.33	3584.0	3618.1	3618.1	3686.4
language/e4x/simpleStringConcatenation.as	time	1.33	1.00	1.00	1.00	3584.0	3618.1	3618.1	3652.3
language/e4x/usingAppendChildAndE4X.as	time	40.67	40.00	39.00	39.00	3481.6	3686.4	3822.9	3686.4
language/string/append_concat.as	time	56.00	56.00	56.00	56.00	25497.6	25634.1	25702.4	26146.1
language/string/append_equal_plus.as	time	46.67	46.00	47.00	46.67	25975.5	25600.0	25702.4	25668.3
language/string/append_plus_equal.as	time	46.33	46.67	47.00	46.67	25497.6	25600.0	25702.4	25702.4
language/string/charAt.as	time	107.00	110.33	102.33	105.00	15394.1	15360.0	15462.4	15462.4
language/string/charCodeAt.as	time	119.00	121.00	114.33	118.33	15462.4	15360.0	15462.4	15462.4

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
language/string/indexOf.as	time	235.67	235.67	235.33	236.00	26419.2	26419.2	26521.6	26521.6
language/string/lastIndexOf.as	time	175.00	174.00	174.00	166.67	16384.0	16384.0	16486.4	16486.4
language/string/replace.as	time	304.00	303.67	340.33	296.33	6041.6	6109.9	6075.7	6144.0
language/string/replace2.as	time	627.00	598.67	647.00	657.67	2150.4	2355.2	2355.2	2355.2
language/string/search.as	time	30.00	30.00	30.00	30.00	2969.6	2969.6	2969.6	2969.6
language/string/slice.as	time	171.00	175.67	167.00	167.33	7884.8	7953.1	7782.4	7577.6
language/string/split.as	time	278.67	278.67	282.33	277.00	91443.2	91443.2	91443.2	91443.2
language/string/static_ascii_array_100.as	time	196.33	195.67	195.33	195.67	8157.9	8089.6	8089.6	7884.8
language/string/static_ascii_array_50.as	time	182.00	180.67	182.33	183.00	7202.1	7065.6	7270.4	7202.1
language/string/static_latin1_array_100.as	time	376.67	378.67	379.00	378.33	11980.8	11810.1	11468.8	11502.9
language/string/static_latin1_array_50.as	time	186.67	187.67	188.00	188.33	9728.0	9523.2	9659.7	9728.0
language/string/substr.as	time	129.00	130.33	123.67	123.67	4812.8	5017.6	4949.3	5017.6
language/string/substring.as	time	126.33	129.00	119.33	119.67	4812.8	5017.6	5017.6	5017.6
language/string/typed/append_concat.as	time	51.67	52.00	52.00	52.33	25497.6	26624.0	25702.4	25634.1
language/string/typed/append_equal_plus.as	time	43.33	42.00	43.00	43.00	25497.6	25600.0	25702.4	26112.0
language/string/typed/append_plus_equal.as	time	42.67	42.67	43.33	43.00	25497.6	27374.9	25702.4	25702.4
language/string/typed/charAt.as	time	9.00	9.67	9.00	9.00	15428.3	15360.0	15462.4	15462.4
language/string/typed/charCodeAt.as	time	9.00	9.00	9.00	9.00	15428.3	15360.0	15462.4	15462.4
language/string/typed/indexOf.as	time	235.00	235.33	235.33	235.67	26453.3	26419.2	26521.6	26521.6
language/string/typed/lastIndexOf.as	time	175.00	174.33	174.00	166.67	16384.0	16384.0	16486.4	16486.4
language/string/typed/replace.as	time	284.00	271.67	341.00	278.33	6178.1	5973.3	6178.1	5939.2
language/string/typed/replace2.as	time	624.67	599.33	647.33	656.67	2150.4	2355.2	2355.2	2355.2
language/string/typed/search.as	time	29.33	29.67	30.33	30.33	3072.0	3072.0	3276.8	3242.7
language/string/typed/slice.as	time	119.33	119.33	118.67	119.00	7406.9	7953.1	7884.8	7577.6
language/string/typed/split.as	time	279.67	278.67	290.67	284.00	91443.2	91443.2	91784.5	91443.2
language/string/typed/substr.as	time	88.00	88.67	87.00	87.33	4812.8	4881.1	4881.1	5017.6
language/string/typed/substring.as	time	82.00	82.67	82.00	82.00	4812.8	4881.1	5017.6	5017.6
misc/boids.as	time	1,262.00	1,270.00	1,234.33	1,224.33	4403.2	12731.7	12663.5	4266.7
misc/boidshack.as	time	313.33	314.33	313.00	315.00	10854.4	16964.3	16725.3	11059.2
misc/bytearray-to-vector-be.as	iterations/second	339.87	340.76	586.36	584.69	4096.0	3993.6	4027.7	4061.9
misc/bytearray-to-vector-le.as	iterations/second	356.52	362.40	626.16	624.17	4096.0	3993.6	4061.9	4027.7
misc/bytearray-to-vector-worst.as	iterations/second	338.32	342.86	585.83	585.22	4096.0	3993.6	4096.0	4061.9
misc/gameoflife.as	time	1,085.33	1,087.67	1,104.33	1,101.33	5256.5	5188.3	5188.3	5154.1
misc/primes.as	time	4,210.67	4,211.67	4,209.33	4,209.33	2048.0	2048.0	2048.0	2048.0
misc/SHA256-array.as	iterations/second	1,243.76	1,248.42	1,269.06	1,269.06	2048.0	2048.0	2150.4	2150.4
misc/SHA256-vector.as	iterations/second	1,675.99	1,694.31	1,980.69	1,980.02	2048.0	2116.3	2150.4	2150.4
misc/vector-to-bytearray-be.as	iterations/second	309.07	308.95	809.25	808.92	2048.0	2048.0	2048.0	2048.0
misc/vector-to-bytearray-le.as	iterations/second	319.92	319.80	901.43	901.10	2048.0	2048.0	2048.0	2048.0

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
misc/vector-to-bytearray-worst.as	iterations/second	308.97	309.07	808.92	808.92	2048.0	2048.0	2048.0	2048.0
mmgc/gcbench.as	time	2,159.67	2,165.00	2,256.33	2,264.00	36454.4	36454.4	36454.4	36454.4
mmgc/ofib-rc.as	time	244.67	243.67	206.67	210.67	51712.0	51712.0	42086.4	42086.4
mmgc/ofib.as	time	874.00	897.00	862.67	877.00	127419.7	115814.4	104755.2	123426.1
mmgc/sfib.as	time	256.00	257.33	258.33	259.67	5836.8	5802.7	5939.2	5836.8
scimark/FFT.as	time	1,446.00	1,656.67	1,651.67	1,404.33	4710.4	31129.6	31027.2	4778.7
scimark/LU.as	time	2,125.00	2,309.33	2,255.00	2,059.67	6212.3	31129.6	31163.7	6246.4
scimark/MonteCarlo.as	time	1,377.67	1,361.33	1,295.33	1,343.67	2048.0	2048.0	2048.0	2048.0
scimark/SOR.as	time	1,605.00	1,863.00	1,888.33	1,578.33	6246.4	31914.7	31948.8	5836.8
scimark/SparseCompRow.as	time	74.67	76.00	62.00	62.33	3652.3	3891.2	3925.3	3891.2
sunspider-0.9.1/js/access-binary-trees.as	time	24.33	24.00	26.33	26.67	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/js/access-fannkuch.as	time	50.33	51.67	51.67	53.00	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/js/access-nbody.as	time	57.00	62.67	62.67	56.67	4061.9	7543.5	7475.2	4096.0
sunspider-0.9.1/js/access-nsieve.as	time	18.00	18.67	19.33	19.67	4915.2	4710.4	4983.5	5632.0
sunspider-0.9.1/js/bitops-3bit-bits-in-byte.as	time	5.67	5.33	5.33	6.00	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/js/bitops-bits-in-byte.as	time	18.33	19.00	20.00	19.67	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/js/bitops-bitwise-and.as	time	181.33	179.33	176.67	177.00	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/js/bitops-nsieve-bits.as	time	19.33	19.00	19.67	20.67	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/js/controlflow-recursive.as	time	10.33	10.00	10.33	10.67	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/js/crypto-aes.as	time	23.00	22.33	22.67	23.33	2048.0	2150.4	2252.8	2150.4
sunspider-0.9.1/js/crypto-md5.as	time	7.67	7.67	8.67	8.00	2048.0	2048.0	2082.1	2048.0
sunspider-0.9.1/js/crypto-sha1.as	time	8.00	7.33	8.00	8.00	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/js/math-cordic.as	time	37.33	42.33	41.67	37.00	3959.5	7441.1	7338.7	4061.9
sunspider-0.9.1/js/math-partial-sums.as	time	162.00	161.00	168.67	165.33	3891.2	6144.0	6314.7	3993.6
sunspider-0.9.1/js/math-spectral-norm.as	time	18.00	16.00	17.33	18.67	3822.9	3925.3	3993.6	3993.6
sunspider-0.9.1/js/regexp-dna.as	time	325.33	325.33	629.00	635.67	10683.7	10240.0	10137.6	10649.6
sunspider-0.9.1/js/s3d-cube.as	time	46.00	44.00	44.67	45.33	4505.6	9489.1	9728.0	4539.7
sunspider-0.9.1/js/s3d-morph.as	time	40.00	44.33	44.33	42.00	5427.2	8430.9	8294.4	5563.7
sunspider-0.9.1/js/s3d-raytrace.as	time	50.33	49.00	56.00	53.33	5597.9	5632.0	5802.7	5836.8
sunspider-0.9.1/js/string-fasta.as	time	41.00	41.33	40.00	42.00	2662.4	2867.2	2867.2	2867.2
sunspider-0.9.1/js/string-unpack-code.as	time	2,740.33	2,758.67	3,457.00	3,164.67	15940.3	15837.9	15667.2	16349.9
sunspider-0.9.1/js/string-validate-input.as	time	29.33	30.00	31.00	30.67	3584.0	3891.2	3891.2	3891.2
sunspider-0.9.1/typed/access-binary-trees.as	time	5.33	6.00	6.00	5.00	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/access-fannkuch.as	time	32.00	32.00	29.67	29.33	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/access-nbody.as	time	2.00	2.00	1.67	2.00	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/access-nsieve.as	time	9.33	9.33	9.67	10.00	5222.4	4846.9	5427.2	5529.6
sunspider-0.9.1/typed/bitops-3bit-bits-in-byte.as	time	3.33	3.33	3.00	3.00	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/bitops-bits-in-byte.as	time	7.00	7.00	6.33	7.00	2048.0	2048.0	2048.0	2048.0

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
sunspider-0.9.1/typed/bitops-bitwise-and.as	time	1.33	1.33	1.33	1.67	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/bitops-nsieve-bits.as	time	12.00	12.00	10.00	10.00	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/controlflow-recursive.as	time	2.67	2.33	3.00	3.00	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/crypto-aes.as	time	16.00	16.33	16.00	16.00	2048.0	2150.4	2286.9	2150.4
sunspider-0.9.1/typed/crypto-md5.as	time	2.33	2.33	2.33	2.67	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/crypto-sha1.as	time	2.33	2.33	2.00	3.00	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/math-cordic.as	time	11.00	12.00	10.33	10.00	3686.4	3891.2	3686.4	3584.0
sunspider-0.9.1/typed/math-partial-sums.as	time	6.00	6.00	7.00	6.00	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/math-spectral-norm.as	time	4.67	5.00	4.67	4.33	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/regexp-dna.as	time	302.00	302.00	594.67	607.67	12492.8	11434.7	10274.1	9728.0
sunspider-0.9.1/typed/s3d-cube.as	time	12.00	12.00	12.00	12.67	2355.2	2423.5	2457.6	2457.6
sunspider-0.9.1/typed/s3d-morph.as	time	31.33	36.33	34.33	31.00	5529.6	8601.6	8601.6	5563.7
sunspider-0.9.1/typed/s3d-raytrace.as	time	6.00	6.67	6.67	6.33	2969.6	3072.0	3072.0	3106.1
sunspider-0.9.1/typed/string-fasta.as	time	21.67	21.00	21.00	22.67	3891.2	4608.0	4710.4	3993.6
sunspider-0.9.1/typed/string-unpack-code.as	time	2,757.67	2,768.33	3,471.67	3,165.67	15633.1	16930.1	15803.7	14165.3
sunspider-0.9.1/typed/string-validate-input.as	time	19.00	19.33	19.00	19.33	3584.0	3891.2	3891.2	3891.2
sunspider/access-binary-trees.as	time	23.00	23.67	25.00	25.00	2048.0	2048.0	2048.0	2048.0
sunspider/access-fannkuch.as	time	51.00	51.33	51.33	50.33	2048.0	2048.0	2048.0	2048.0
sunspider/access-nbody.as	time	59.33	60.33	61.67	60.00	3993.6	4642.1	4710.4	4061.9
sunspider/access-nsieve.as	time	20.67	20.00	20.00	20.67	3993.6	4437.3	4642.1	4369.1
sunspider/as3/access-binary-trees.as	time	6.33	6.33	7.00	6.67	2048.0	2048.0	2048.0	2048.0
sunspider/as3/access-fannkuch.as	time	30.67	31.00	27.00	27.33	2048.0	2048.0	2048.0	2048.0
sunspider/as3/access-nbody.as	time	4.00	3.33	3.67	4.00	2048.0	2048.0	2048.0	2048.0
sunspider/as3/access-nsieve.as	time	12.00	12.00	12.67	12.33	4608.0	4710.4	4915.2	3891.2
sunspider/as3/bitops-3bit-bits-in-byte.as	time	3.33	3.67	3.33	3.33	2048.0	2048.0	2048.0	2048.0
sunspider/as3/bitops-bits-in-byte.as	time	7.00	7.00	7.00	7.00	2048.0	2048.0	2048.0	2048.0
sunspider/as3/bitops-bitwise-and.as	time	2.00	2.00	2.00	1.67	2048.0	2048.0	2048.0	2048.0
sunspider/as3/bitops-nsieve-bits.as	time	13.00	11.67	10.33	10.33	2048.0	2048.0	2048.0	2048.0
sunspider/as3/controlflow-recursive.as	time	3.00	3.00	3.00	2.33	2048.0	2048.0	2048.0	2048.0
sunspider/as3/crypto-aes.as	time	20.00	20.67	20.00	20.00	2048.0	2048.0	2082.1	2048.0
sunspider/as3/crypto-md5.as	time	9.33	9.67	9.00	10.00	2048.0	2048.0	2355.2	2150.4
sunspider/as3/crypto-sha1.as	time	7.00	7.00	7.00	7.00	2048.0	2048.0	2048.0	2048.0
sunspider/as3/date-format-tofte.as	time	137.33	126.67	133.33	137.67	3891.2	6621.9	6519.5	3891.2
sunspider/as3/math-cordic.as	time	11.00	12.00	9.67	10.33	3174.4	3379.2	3379.2	3379.2
sunspider/as3/math-partial-sums.as	time	52.67	53.00	56.00	56.33	2525.9	2560.0	2628.3	2594.1
sunspider/as3/math-spectral-norm.as	time	4.00	3.33	3.33	3.67	2048.0	2048.0	2048.0	2048.0
sunspider/as3/s3d-cube.as	time	14.00	14.00	14.33	15.00	2048.0	2150.4	2355.2	2218.7
sunspider/as3/s3d-morph.as	time	18.33	20.67	18.67	17.00	3618.1	3686.4	3618.1	3686.4

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
sunspider/as3/s3d-raytrace.as	time	22.00	21.67	22.67	22.67	3686.4	3686.4	3891.2	3891.2
sunspider/as3/string-fasta.as	time	26.00	28.33	28.67	27.33	3754.7	3686.4	3754.7	3686.4
sunspider/as3/string-unpack-code.as	time	99.67	94.00	119.00	119.67	4061.9	4096.0	4027.7	3993.6
sunspider/as3/string-validate-input.as	time	24.33	24.67	25.00	26.00	3686.4	3891.2	3891.2	3891.2
sunspider/as3vector/access-fannkuch.as	time	19.00	18.67	9.00	9.00	2048.0	2048.0	2048.0	2048.0
sunspider/as3vector/access-nbody.as	time	3.67	3.67	2.67	3.00	2048.0	2048.0	2048.0	2048.0
sunspider/as3vector/access-nsieve.as	time	9.00	9.00	8.67	8.33	3174.4	3174.4	3174.4	3174.4
sunspider/as3vector/bitops-nsieve-bits.as	time	6.00	6.00	3.67	3.67	2048.0	2048.0	2048.0	2048.0
sunspider/as3vector/math-cordic.as	time	9.33	9.67	9.00	9.00	2867.2	2867.2	2969.6	2969.6
sunspider/as3vector/math-spectral-norm.as	time	10.00	9.67	9.00	9.00	2867.2	2867.2	2969.6	2969.6
sunspider/as3vector/s3d-cube.as	time	24.33	25.00	16.67	17.33	2969.6	2969.6	2150.4	2150.4
sunspider/as3vector/s3d-morph.as	time	9.33	9.67	7.67	7.67	2048.0	2048.0	2355.2	2150.4
sunspider/as3vector/string-fasta.as	time	27.33	28.33	15.33	15.00	3652.3	3686.4	2457.6	2423.5
sunspider/as3vector/string-validate-input.as	time	26.33	25.67	26.67	27.00	3584.0	3891.2	3822.9	3891.2
sunspider/bitops-3bit-bits-in-byte.as	time	6.00	6.67	6.67	6.00	2048.0	2048.0	2048.0	2048.0
sunspider/bitops-bits-in-byte.as	time	19.00	19.00	18.00	20.00	2048.0	2048.0	2048.0	2048.0
sunspider/bitops-bitwise-and.as	time	180.00	179.00	176.00	178.33	2048.0	2048.0	2048.0	2048.0
sunspider/bitops-nsieve-bits.as	time	19.67	20.00	20.00	20.33	2048.0	2048.0	2048.0	2048.0
sunspider/controlflow-recursive.as	time	10.33	11.33	10.00	10.67	2048.0	2048.0	2048.0	2048.0
sunspider/crypto-aes.as	time	26.00	26.33	25.67	26.00	2048.0	2048.0	2082.1	2048.0
sunspider/crypto-md5.as	time	10.00	10.67	11.00	10.67	2048.0	2150.4	2150.4	2116.3
sunspider/crypto-sha1.as	time	8.33	9.00	9.67	9.00	2048.0	2048.0	2048.0	2048.0
sunspider/date-format-tofte.as	time	146.67	143.33	141.67	141.00	3891.2	6553.6	6724.3	3959.5
sunspider/math-cordic.as	time	37.33	39.00	40.00	37.33	3891.2	5290.7	5529.6	3993.6
sunspider/math-partial-sums.as	time	165.33	164.00	170.67	167.33	3686.4	3822.9	3720.5	3652.3
sunspider/math-spectral-norm.as	time	18.00	22.00	21.00	19.00	3686.4	3686.4	3754.7	3652.3
sunspider/s3d-cube.as	time	50.33	60.00	60.00	50.33	4266.7	7611.7	7645.9	4198.4
sunspider/s3d-morph.as	time	27.00	29.33	26.67	28.67	3584.0	3652.3	3549.9	3686.4
sunspider/s3d-raytrace.as	time	53.33	53.33	57.00	57.67	3686.4	3891.2	3754.7	3686.4
sunspider/string-fasta.as	time	61.00	62.67	50.00	56.00	2150.4	2355.2	2457.6	2389.3
sunspider/string-unpack-code.as	time	100.33	96.00	121.33	120.00	3993.6	4096.0	3993.6	3993.6
sunspider/string-validate-input.as	time	31.00	32.00	33.00	33.67	3584.0	3891.2	3891.2	3891.2
v8.5/js/crypto.as	v8	850.00	804.00	854.33	842.67	2048.0	2150.4	2252.8	2150.4
v8.5/js/deltablue.as	v8	429.67	433.67	370.00	362.33	4198.4	7304.5	6860.8	4300.8
v8.5/js/earley-boyer.as	v8	1,230.00	1,275.33	1,233.33	1,192.00	11776.0	18875.7	18739.2	11776.0
v8.5/js/raytrace.as	v8	909.67	897.00	815.33	811.00	3310.9	3822.9	3345.1	3106.1
v8.5/js/regexp.as	v8	172.00	171.00	117.67	117.00	3584.0	3584.0	3686.4	3686.4
v8.5/js/richards.as	v8	375.00	371.67	330.67	331.00	2423.5	2457.6	2457.6	2457.6

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
v8.5/js/splay.as	v8	1,113.33	1,271.67	1,183.33	1,183.67	190361.6	190361.6	155136.0	155136.0
v8.5/optimized/crypto.as	v8	4,814.67	4,883.00	9,431.33	9,400.00	2355.2	2423.5	2560.0	2560.0
v8.5/optimized/deltablue.as	v8	4,315.33	4,299.00	4,208.67	4,149.67	4266.7	4539.7	4676.3	4334.9
v8.5/optimized/earley-boyer.as	v8	1,257.33	1,309.33	1,231.00	1,193.67	11707.7	18841.6	19080.5	11776.0
v8.5/optimized/raytrace.as	v8	10,215.67	10,119.33	10,390.67	10,284.33	2048.0	2116.3	2286.9	2628.3
v8.5/optimized/regexp.as	v8	172.00	172.00	117.67	117.67	3584.0	3584.0	3754.7	3686.4
v8.5/optimized/richards.as	v8	4,945.67	4,962.33	5,075.67	5,115.33	3242.7	3413.3	3447.5	3447.5
v8.5/optimized/splay.as	v8	6,758.00	6,749.33	6,585.33	6,565.67	82534.4	83694.9	84582.4	84582.4
v8.5/typed/crypto.as	v8	3,549.00	3,542.67	5,790.33	5,784.00	2423.5	2525.9	2560.0	2560.0
v8.5/typed/deltablue.as	v8	4,373.00	4,346.00	4,225.67	4,197.33	4232.5	4676.3	4642.1	4266.7
v8.5/typed/earley-boyer.as	v8	1,263.67	1,303.00	1,222.00	1,192.00	11707.7	19217.1	19148.8	11776.0
v8.5/typed/raytrace.as	v8	10,246.67	10,164.00	10,435.67	10,353.00	2048.0	2082.1	2150.4	2150.4
v8.5/typed/regexp.as	v8	172.33	172.00	117.67	118.00	3549.9	3584.0	3754.7	3686.4
v8.5/typed/richards.as	v8	4,965.00	4,965.00	5,061.00	5,090.33	3379.2	3413.3	3447.5	3447.5
v8.5/typed/splay.as	v8	1,628.67	1,643.33	1,567.33	1,575.67	118784.0	118784.0	120729.6	120729.6
v8.5/untyped/crypto.as	v8	979.00	969.00	919.67	1,001.67	2048.0	2150.4	2184.5	2184.5
v8.5/untyped/deltablue.as	v8	2,503.00	2,499.33	2,440.33	2,420.67	4130.1	4539.7	4642.1	4369.1
v8.5/untyped/earley-boyer.as	v8	1,261.33	1,314.67	1,232.33	1,188.33	11639.5	18909.9	18739.2	11776.0
v8.5/untyped/raytrace.as	v8	4,252.00	3,948.33	3,903.00	4,184.67	4642.1	13892.3	14438.4	4642.1
v8.5/untyped/regexp.as	v8	172.00	171.00	118.00	117.33	3515.7	3584.0	3686.4	3652.3
v8.5/untyped/richards.as	v8	577.33	573.67	510.33	526.33	2286.9	2355.2	2457.6	2355.2
v8.5/untyped/splay.as	v8	1,545.33	1,566.00	1,483.67	1,502.00	118886.4	118954.7	122265.6	122265.6
v8/crypto.as	v8	1,004.00	977.67	1,027.33	1,021.00	3072.0	3072.0	3106.1	3140.3
v8/deltablue.as	v8	2,445.00	2,486.00	2,429.33	2,408.67	3959.5	4471.5	4744.5	4266.7
v8/earley-boyer.as	v8	1,271.67	1,317.67	1,217.67	1,194.00	11707.7	18534.4	19251.2	11776.0
v8/raytrace.as	v8	3,925.67	3,662.00	3,651.67	3,856.67	4642.1	13550.9	13960.5	4608.0
v8/richards.as	v8	1,605.33	1,634.67	1,587.33	1,585.33	3037.9	3072.0	3174.4	3174.4
v8/typed/crypto.as	v8	1,063.67	1,062.00	1,081.00	989.00	3072.0	3106.1	3208.5	3174.4
v8/typed/deltablue.as	v8	3,679.67	3,691.67	3,621.33	3,594.33	4130.1	4471.5	4710.4	4437.3
v8/typed/earley-boyer.as	v8	1,271.00	1,324.00	1,206.67	1,186.00	11639.5	18568.5	18739.2	11776.0
v8/typed/raytrace.as	v8	8,582.67	8,498.33	8,509.67	8,561.00	2969.6	3481.6	4539.7	3072.0
v8/typed/richards.as	v8	2,805.33	2,732.00	2,779.33	2,770.00	3345.1	3413.3	3447.5	3447.5

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
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-10.as	(2.43)	(18%)	(18773.33)	(417%)	2.26	20%	18807.47	81%
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-14.as	(0.83)	(1%)	34.13	1%	0.35	0%	(68.27)	(2%)
asmicro/alloc-2.as	(1.22)	(5%)	0.00	0%	0.11	0%	0.00	0%
asmicro/alloc-3.as	5.61	47%	(33041.07)	(733%)	(3.47)	(19%)	12834.13	78%
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%
asmicro/alloc-8.as	(4.37)	(29%)	(16315.73)	(362%)	4.36	41%	16622.93	79%
asmicro/alloc-9.as	(4.60)	(30%)	(15872.00)	(352%)	4.52	42%	16452.27	79%
asmicro/arguments-1.as	(104.90)	(9%)	0.00	0%	3.66	0%	0.00	0%
asmicro/arguments-2.as	(35.84)	(5%)	0.00	0%	(1.33)	(0%)	0.00	0%
asmicro/arguments-3.as	0.27	1%	0.00	0%	0.89	4%	0.00	0%
asmicro/arguments-4.as	(0.01)	(0%)	0.00	0%	0.31	1%	0.00	0%
asmicro/array-1.as	643.36	37%	0.00	0%	(9.99)	(0%)	0.00	0%
asmicro/array-2.as	(44.00)	(5%)	0.00	0%	(48.05)	(6%)	0.00	0%
asmicro/array-foreach-func.as	(0.29)	(0%)	0.00	0%	2.52	1%	0.00	0%
asmicro/array-foreach-method-sans-types.as	(3.88)	(1%)	0.00	0%	3.22	0%	0.00	0%
asmicro/array-foreach-method-with-types.as	5.66	2%	0.00	0%	(16.46)	(4%)	0.00	0%
asmicro/array-init-1.as	11.18	2%	0.00	0%	(1.36)	(0%)	0.00	0%
asmicro/array-init-2.as	16.45	3%	0.00	0%	(0.48)	(0%)	0.00	0%
asmicro/array-init-3.as	4.25	1%	0.00	0%	(5.11)	(1%)	0.00	0%
asmicro/array-init-4.as	4.07	1%	0.00	0%	19.97	6%	0.00	0%
asmicro/array-pop-1.as	0.33	0%	(68.27)	(2%)	1.49	0%	0.00	0%
asmicro/array-push-1.as	2.71	1%	0.00	0%	(4.05)	(1%)	0.00	0%
asmicro/array-read-C-1.as	(0.35)	(0%)	0.00	0%	0.33	0%	0.00	0%
asmicro/array-read-C-2.as	(0.00)	(0%)	0.00	0%	(0.13)	(0%)	0.00	0%
asmicro/array-read-int-1.as	(0.00)	(0%)	0.00	0%	0.00	0%	0.00	0%
asmicro/array-read-int-2.as	0.06	0%	0.00	0%	(0.07)	(0%)	0.00	0%
asmicro/array-read-int-5.as	44.60	28%	0.00	0%	(0.11)	(0%)	0.00	0%
asmicro/array-read-int-6.as	44.60	28%	0.00	0%	(0.42)	(0%)	0.00	0%
asmicro/array-read-int-7.as	48.67	31%	0.00	0%	0.11	0%	0.00	0%
asmicro/array-read-length-1.as	0.03	0%	0.00	0%	(0.03)	(0%)	0.00	0%

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
asmicro/array-read-Number-1.as	(0.08)	(0%)	0.00	0%	(0.18)	(0%)	0.00	0%
asmicro/array-read-Number-2.as	0.02	0%	0.00	0%	(0.20)	(1%)	0.00	0%
asmicro/array-shift-1.as	(1.94)	(1%)	(102.40)	(3%)	0.10	0%	68.27	2%
asmicro/array-slice-1.as	1.21	4%	0.00	0%	0.56	2%	0.00	0%
asmicro/array-sort-1.as	0.43	1%	(102.40)	(3%)	(0.22)	(1%)	0.00	0%
asmicro/array-sort-2.as	0.03	1%	(170.67)	(5%)	(0.03)	(1%)	(34.13)	(1%)
asmicro/array-sort-3.as	(0.14)	(0%)	(68.27)	(1%)	0.32	1%	170.67	2%
asmicro/array-sort-4.as	0.08	1%	102.40	1%	(0.12)	(1%)	0.00	0%
asmicro/array-unshift-1.as	1.79	1%	0.00	0%	1.06	1%	0.00	0%
asmicro/array-write-C-1.as	0.87	1%	(102.40)	(5%)	(1.02)	(2%)	34.13	2%
asmicro/array-write-C-2.as	(0.07)	(0%)	(68.27)	(2%)	(0.28)	(1%)	34.13	1%
asmicro/array-write-int-1.as	(2.79)	(4%)	(34.13)	(2%)	(4.85)	(6%)	0.00	0%
asmicro/array-write-int-2.as	(0.78)	(2%)	(34.13)	(1%)	0.09	0%	102.40	3%
asmicro/array-write-int-3.as	(6.34)	(7%)	(68.27)	(3%)	(4.67)	(6%)	34.13	1%
asmicro/array-write-int-4.as	(6.42)	(8%)	(34.13)	(1%)	(2.32)	(3%)	68.27	3%
asmicro/array-write-int-5.as	(6.98)	(8%)	0.00	0%	(5.46)	(7%)	68.27	3%
asmicro/array-write-Number-1.as	(5.01)	(19%)	(26726.40)	(593%)	5.48	26%	26794.67	86%
asmicro/array-write-Number-2.as	(3.17)	(17%)	(25224.53)	(560%)	3.31	21%	25156.27	85%
asmicro/bytearray-read-available-1.as	10.14	6%	0.00	0%	(0.12)	(0%)	0.00	0%
asmicro/bytearray-read-bool-1.as	0.01	0%	0.00	0%	(0.01)	(0%)	0.00	0%
asmicro/bytearray-read-byte-1.as	0.19	2%	0.00	0%	0.01	0%	0.00	0%
asmicro/bytearray-read-byte-2.as	0.00	0%	0.00	0%	(0.25)	(0%)	0.00	0%
asmicro/bytearray-read-byte-3.as	0.00	0%	0.00	0%	(0.33)	(0%)	0.00	0%
asmicro/bytearray-read-bytes-1.as	0.25	1%	(102.40)	(4%)	(0.22)	(1%)	136.53	5%
asmicro/bytearray-read-bytes-2.as	(0.32)	(0%)	102.40	2%	0.68	0%	0.00	0%
asmicro/bytearray-read-double-1.as	0.19	2%	0.00	0%	(0.01)	(0%)	0.00	0%
asmicro/bytearray-read-double-2.as	0.76	7%	0.00	0%	0.00	0%	0.00	0%
asmicro/bytearray-read-float-1.as	0.40	4%	0.00	0%	(0.01)	(0%)	0.00	0%
asmicro/bytearray-read-float-2.as	0.60	6%	0.00	0%	(0.05)	(0%)	0.00	0%
asmicro/bytearray-read-int-1.as	0.46	4%	0.00	0%	0.00	0%	0.00	0%
asmicro/bytearray-read-int-2.as	0.24	2%	0.00	0%	0.00	0%	0.00	0%
asmicro/bytearray-read-length-1.as	0.06	0%	0.00	0%	(0.13)	(0%)	0.00	0%
asmicro/bytearray-read-position-1.as	(3.86)	(2%)	0.00	0%	0.19	0%	0.00	0%
asmicro/bytearray-read-short-1.as	(0.02)	(0%)	0.00	0%	(0.02)	(0%)	0.00	0%
asmicro/bytearray-read-short-2.as	(0.19)	(2%)	0.00	0%	(0.02)	(0%)	0.00	0%
asmicro/bytearray-read-ubyte-1.as	0.12	1%	0.00	0%	0.01	0%	0.00	0%
asmicro/bytearray-read-uint-1.as	0.39	4%	0.00	0%	(0.08)	(0%)	0.00	0%
asmicro/bytearray-read-uint-2.as	0.27	2%	0.00	0%	(0.02)	(0%)	0.00	0%

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
asmicro/bytearray-read-ushort-1.as	0.03	0%	0.00	0%	(0.01)	(0%)	0.00	0%
asmicro/bytearray-read-ushort-2.as	0.11	1%	0.00	0%	0.00	0%	0.00	0%
asmicro/bytearray-read-utf-1.as	(1.72)	(9%)	0.00	0%	0.28	1%	0.00	0%
asmicro/bytearray-read-utf-2.as	(0.19)	(4%)	(204.80)	(7%)	0.00	0%	0.00	0%
asmicro/bytearray-read-utfbytes-1.as	(1.05)	(6%)	0.00	0%	0.10	0%	0.00	0%
asmicro/bytearray-read-utfbytes-2.as	(0.17)	(4%)	(204.80)	(7%)	0.01	0%	(34.13)	(1%)
asmicro/bytearray-write-bool-1.as	(0.06)	(1%)	0.00	0%	0.18	1%	0.00	0%
asmicro/bytearray-write-byte-1.as	0.07	1%	0.00	0%	(0.01)	(0%)	0.00	0%
asmicro/bytearray-write-byte-2.as	(1.69)	(2%)	0.00	0%	0.88	1%	0.00	0%
asmicro/bytearray-write-byte-3.as	0.67	1%	0.00	0%	(2.94)	(3%)	0.00	0%
asmicro/bytearray-write-bytes-1.as	(0.66)	(2%)	(34.13)	(1%)	(0.00)	(0%)	0.00	0%
asmicro/bytearray-write-bytes-2.as	5.66	0%	68.27	2%	(3.00)	(0%)	0.00	0%
asmicro/bytearray-write-double-1.as	(0.03)	(0%)	0.00	0%	(0.10)	(1%)	0.00	0%
asmicro/bytearray-write-double-2.as	0.12	2%	0.00	0%	(0.02)	(0%)	0.00	0%
asmicro/bytearray-write-float-1.as	(0.01)	(0%)	0.00	0%	0.34	2%	0.00	0%
asmicro/bytearray-write-float-2.as	(0.06)	(1%)	0.00	0%	0.00	0%	0.00	0%
asmicro/bytearray-write-int-1.as	(0.10)	(1%)	0.00	0%	(0.01)	(0%)	0.00	0%
asmicro/bytearray-write-int-2.as	(0.01)	(0%)	0.00	0%	0.01	0%	0.00	0%
asmicro/bytearray-write-position-1.as	(0.20)	(0%)	0.00	0%	0.07	0%	0.00	0%
asmicro/bytearray-write-short-1.as	(0.03)	(0%)	0.00	0%	0.00	0%	0.00	0%
asmicro/bytearray-write-short-2.as	0.02	0%	0.00	0%	(0.02)	(0%)	0.00	0%
asmicro/bytearray-write-uint-1.as	(0.10)	(1%)	0.00	0%	0.00	0%	0.00	0%
asmicro/bytearray-write-uint-2.as	(0.01)	(0%)	0.00	0%	0.00	0%	0.00	0%
asmicro/bytearray-write-utf-1.as	0.02	0%	(102.40)	(4%)	(0.13)	(0%)	204.80	7%
asmicro/bytearray-write-utf-2.as	(0.06)	(0%)	170.67	3%	0.23	1%	0.00	0%
asmicro/bytearray-write-utfbytes-1.as	1.17	2%	(102.40)	(4%)	(0.24)	(0%)	34.13	1%
asmicro/bytearray-write-utfbytes-2.as	0.02	0%	136.53	2%	0.05	0%	34.13	1%
asmicro/closedvar-read-1.as	(4.66)	(0%)	0.00	0%	(0.33)	(0%)	0.00	0%
asmicro/closedvar-write-1.as	(2.33)	(0%)	0.00	0%	0.33	0%	0.00	0%
asmicro/closedvar-write-2.as	(2.33)	(0%)	0.00	0%	0.00	0%	0.00	0%
asmicro/do-1.as	(1.00)	(0%)	0.00	0%	(2.00)	(0%)	0.00	0%
asmicro/for-1.as	(3.33)	(0%)	0.00	0%	(0.33)	(0%)	0.00	0%
asmicro/for-2.as	0.33	0%	0.00	0%	(2.00)	(0%)	0.00	0%
asmicro/for-3.as	(2.00)	(0%)	0.00	0%	(1.00)	(0%)	0.00	0%
asmicro/for-in-1.as	0.00	0%	0.00	0%	2.16	0%	0.00	0%
asmicro/for-in-2.as	(0.20)	(0%)	0.00	0%	4.50	1%	0.00	0%
asmicro/funcall-1.as	0.00	0%	0.00	0%	(0.16)	(0%)	0.00	0%
asmicro/funcall-2.as	0.34	0%	0.00	0%	(0.07)	(0%)	0.00	0%

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
asmicro/funcall-3.as	(0.29)	(0%)	0.00	0%	2.66	1%	0.00	0%
asmicro/funcall-4.as	1.66	1%	(136.53)	(6%)	(5.61)	(4%)	0.00	0%
asmicro/globalvar-read-1.as	(2.33)	(0%)	0.00	0%	(27.64)	(1%)	0.00	0%
asmicro/globalvar-write-1.as	(0.33)	(0%)	0.00	0%	(1.00)	(0%)	0.00	0%
asmicro/isNaN-1.as	0.67	0%	0.00	0%	1.00	0%	0.00	0%
asmicro/isNaN-2.as	1.00	0%	0.00	0%	(1.33)	(0%)	0.00	0%
asmicro/isNaN-3.as	2.00	0%	0.00	0%	(1.33)	(0%)	0.00	0%
asmicro/lookup-array-fetch-1.as	10.99	1%	(204.80)	(4%)	16.88	3%	170.67	3%
asmicro/lookup-array-in-1.as	(56.94)	(3%)	(204.80)	(4%)	46.29	2%	102.40	2%
asmicro/lookup-negindex-array-1.as	5.49	1%	0.00	0%	6.19	1%	204.80	7%
asmicro/lookup-negindex-array-2.as	(0.29)	(0%)	(102.40)	(4%)	(2.15)	(1%)	34.13	1%
asmicro/lookup-negindex-object-1.as	7.48	1%	0.00	0%	0.00	0%	204.80	7%
asmicro/lookup-negindex-object-2.as	3.99	1%	(102.40)	(4%)	0.67	0%	34.13	1%
asmicro/lookup-object-fetch-1.as	(18.98)	(2%)	(102.40)	(1%)	0.46	0%	0.00	0%
asmicro/lookup-object-in-1.as	(44.62)	(3%)	(102.40)	(1%)	31.30	2%	0.00	0%
asmicro/number-toString-1.as	(0.18)	(2%)	0.00	0%	0.06	1%	0.00	0%
asmicro/number-toString-2.as	0.36	0%	0.00	0%	(0.13)	(0%)	0.00	0%
asmicro/object-read-length-1.as	0.00	0%	0.00	0%	0.00	0%	0.00	0%
asmicro/oop-1.as	(0.10)	(2%)	(5905.07)	(144%)	0.01	0%	3481.60	46%
asmicro/parseFloat-1.as	0.10	0%	0.00	0%	(0.55)	(0%)	0.00	0%
asmicro/parseInt-1.as	0.00	0%	0.00	0%	(1.75)	(1%)	0.00	0%
asmicro/regex-exec-1.as	(5.17)	(6%)	0.00	0%	(1.88)	(2%)	0.00	0%
asmicro/regex-exec-2.as	(5.89)	(5%)	0.00	0%	(2.65)	(3%)	0.00	0%
asmicro/regex-exec-3.as	(1.84)	(1%)	0.00	0%	(3.90)	(3%)	0.00	0%
asmicro/regex-exec-4.as	(8.51)	(2%)	0.00	0%	(10.65)	(3%)	0.00	0%
asmicro/restarg-1.as	(104.56)	(9%)	0.00	0%	2.33	0%	0.00	0%
asmicro/restarg-2.as	(35.92)	(5%)	0.00	0%	1.66	0%	0.00	0%
asmicro/restarg-3.as	1.19	2%	0.00	0%	0.14	0%	0.00	0%
asmicro/restarg-4.as	0.13	0%	0.00	0%	0.48	1%	0.00	0%
asmicro/string-casechange-1.as	0.36	1%	0.00	0%	(2.03)	(6%)	0.00	0%
asmicro/string-casechange-2.as	0.11	0%	0.00	0%	(1.98)	(5%)	0.00	0%
asmicro/string-charAt-1.as	(0.33)	(0%)	0.00	0%	(1.00)	(0%)	0.00	0%
asmicro/string-charAt-2.as	(0.04)	(0%)	0.00	0%	(0.20)	(0%)	0.00	0%
asmicro/string-charCodeAt-1.as	2.33	0%	0.00	0%	(1.67)	(0%)	0.00	0%
asmicro/string-charCodeAt-2.as	(0.33)	(0%)	0.00	0%	2.00	0%	0.00	0%
asmicro/string-charCodeAt-3.as	0.00	0%	0.00	0%	(4.66)	(0%)	0.00	0%
asmicro/string-charCodeAt-4.as	(2.00)	(0%)	0.00	0%	0.00	0%	0.00	0%
asmicro/string-charCodeAt-5.as	(0.33)	(0%)	0.00	0%	112.22	9%	0.00	0%

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
asmicro/string-charCodeAt-6.as	1.00	0%	0.00	0%	(0.67)	(0%)	0.00	0%
asmicro/string-charCodeAt-7.as	1.00	0%	0.00	0%	1.67	0%	0.00	0%
asmicro/string-fromCharCode-1.as	0.21	0%	0.00	0%	(30.03)	(7%)	0.00	0%
asmicro/string-fromCharCode-2.as	0.51	1%	0.00	0%	(1.27)	(2%)	0.00	0%
asmicro/string-indexOf-1.as	0.31	0%	0.00	0%	(161.28)	(46%)	0.00	0%
asmicro/string-indexOf-2.as	1.91	1%	0.00	0%	(27.97)	(17%)	0.00	0%
asmicro/string-indexOf-3.as	(0.00)	(0%)	0.00	0%	0.85	1%	0.00	0%
asmicro/string-lastIndexOf-1.as	0.33	0%	0.00	0%	(0.60)	(0%)	0.00	0%
asmicro/string-lastIndexOf-2.as	(0.56)	(0%)	0.00	0%	49.53	36%	0.00	0%
asmicro/string-lastIndexOf-3.as	0.93	1%	0.00	0%	48.30	33%	0.00	0%
asmicro/string-slice-1.as	(0.59)	(0%)	0.00	0%	(0.17)	(0%)	0.00	0%
asmicro/string-split-1.as	0.08	1%	0.00	0%	(0.00)	(0%)	0.00	0%
asmicro/string-split-2.as	0.13	1%	0.00	0%	(0.02)	(0%)	0.00	0%
asmicro/string-substring-1.as	(0.51)	(0%)	0.00	0%	(0.31)	(0%)	0.00	0%
asmicro/switch-1.as	(0.36)	(0%)	0.00	0%	0.33	0%	0.00	0%
asmicro/switch-2.as	0.00	0%	0.00	0%	1.29	1%	0.00	0%
asmicro/switch-3.as	0.20	0%	0.00	0%	(0.30)	(0%)	0.00	0%
asmicro/try-1.as	(0.24)	(0%)	0.00	0%	(1.45)	(0%)	0.00	0%
asmicro/try-2.as	3.19	20%	(24439.47)	(597%)	(3.00)	(16%)	24507.73	86%
asmicro/try-3.as	(0.12)	(0%)	0.00	0%	(0.32)	(0%)	0.00	0%
asmicro/vector-init-1.as	0.22	0%	0.00	0%	0.33	0%	0.00	0%
asmicro/vector-init-2.as	(3.61)	(1%)	0.00	0%	0.73	0%	0.00	0%
asmicro/vector-init-3.as	1.25	1%	0.00	0%	(3.28)	(2%)	0.00	0%
asmicro/vector-init-4.as	(3.99)	(2%)	0.00	0%	(0.96)	(1%)	0.00	0%
asmicro/vector-nested-read-Number-1.as	(0.00)	(0%)	0.00	0%	0.24	0%	0.00	0%
asmicro/vector-nested-read-Number-2.as	(0.03)	(0%)	0.00	0%	(0.18)	(0%)	0.00	0%
asmicro/vector-push-1.as	(0.76)	(1%)	0.00	0%	(0.97)	(1%)	0.00	0%
asmicro/vector-read-C-1.as	0.00	0%	0.00	0%	(0.44)	(0%)	0.00	0%
asmicro/vector-read-C-2.as	0.00	0%	0.00	0%	(0.45)	(0%)	0.00	0%
asmicro/vector-read-char-1.as	(0.13)	(0%)	0.00	0%	(0.21)	(0%)	0.00	0%
asmicro/vector-read-char-2.as	0.00	0%	0.00	0%	0.00	0%	0.00	0%
asmicro/vector-read-int-1.as	(0.09)	(0%)	0.00	0%	(0.33)	(0%)	0.00	0%
asmicro/vector-read-int-2.as	(0.52)	(0%)	0.00	0%	0.25	0%	0.00	0%
asmicro/vector-read-int-3.as	0.14	0%	0.00	0%	(0.33)	(0%)	0.00	0%
asmicro/vector-read-int-4.as	(0.05)	(0%)	0.00	0%	(0.41)	(0%)	0.00	0%
asmicro/vector-read-int-5.as	(0.07)	(0%)	0.00	0%	(0.13)	(0%)	0.00	0%
asmicro/vector-read-int-6.as	(0.07)	(0%)	0.00	0%	(0.20)	(0%)	0.00	0%
asmicro/vector-read-int-7.as	0.21	0%	0.00	0%	0.00	0%	0.00	0%

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
asmicro/vector-read-length-1.as	(0.05)	(0%)	0.00	0%	(0.33)	(0%)	0.00	0%
asmicro/vector-read-Number-1.as	1.09	0%	0.00	0%	0.33	0%	0.00	0%
asmicro/vector-read-Number-2.as	(0.27)	(0%)	0.00	0%	(0.76)	(0%)	0.00	0%
asmicro/vector-read-uint-1.as	(0.09)	(0%)	0.00	0%	(0.08)	(0%)	0.00	0%
asmicro/vector-read-uint-2.as	0.09	0%	0.00	0%	(0.67)	(0%)	0.00	0%
asmicro/vector-read-uint-3.as	(0.66)	(0%)	0.00	0%	0.00	0%	0.00	0%
asmicro/vector-read-uint-4.as	(0.39)	(0%)	0.00	0%	(0.33)	(0%)	0.00	0%
asmicro/vector-write-Boolean-1.as	(7.95)	(9%)	(68.27)	(3%)	0.00	0%	0.00	0%
asmicro/vector-write-C-1.as	(1.02)	(2%)	(102.40)	(5%)	(3.39)	(3%)	0.00	0%
asmicro/vector-write-C-2.as	(1.30)	(3%)	(102.40)	(5%)	(4.42)	(4%)	(68.27)	(3%)
asmicro/vector-write-int-1.as	0.06	0%	(34.13)	(1%)	0.37	0%	0.00	0%
asmicro/vector-write-int-2.as	(0.13)	(0%)	(102.40)	(4%)	0.00	0%	0.00	0%
asmicro/vector-write-int-3.as	(0.05)	(0%)	(34.13)	(1%)	(0.22)	(0%)	0.00	0%
asmicro/vector-write-int-4.as	0.00	0%	(204.80)	(10%)	0.00	0%	0.00	0%
asmicro/vector-write-int-5.as	0.00	0%	(204.80)	(10%)	(0.11)	(0%)	0.00	0%
asmicro/vector-write-Number-1.as	0.40	0%	(34.13)	(1%)	0.00	0%	34.13	1%
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/vector-write-uint-1.as	(0.06)	(0%)	(102.40)	(4%)	(0.12)	(0%)	0.00	0%
asmicro/vector-write-uint-2.as	(0.13)	(0%)	(68.27)	(3%)	0.24	0%	0.00	0%
asmicro/while-1.as	(0.33)	(0%)	0.00	0%	(5.66)	(0%)	0.00	0%
floatBench/dbl/dblAdd.as	0.00	0%	0.00	0%	0.33	0%	0.00	0%
floatBench/dbl/dblDec.as	0.67	0%	0.00	0%	(1.00)	(0%)	0.00	0%
floatBench/dbl/dblDiv.as	(0.33)	(0%)	0.00	0%	(0.33)	(0%)	0.00	0%
floatBench/dbl/dblInc.as	0.33	0%	0.00	0%	(0.67)	(0%)	0.00	0%
floatBench/dbl/dblMod.as	0.00	0%	0.00	0%	(0.33)	(0%)	0.00	0%
floatBench/dbl/dblMul.as	(0.33)	(0%)	0.00	0%	0.33	0%	0.00	0%
floatBench/dbl/dblNeg.as	(11.00)	(5%)	0.00	0%	(1.67)	(1%)	0.00	0%
floatBench/dbl/dblSub.as	0.33	0%	0.00	0%	(0.33)	(0%)	0.00	0%
floatBench/dbl/numAdd.as	(2,629.33)	(29%)	(29696.00)	(644%)	2977.00	25%	27374.93	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%
floatBench/dbl/numInc.as	(1,758.00)	(31%)	(27784.53)	(603%)	1999.33	27%	26726.40	86%
floatBench/dbl/numMod.as	(138.67)	(7%)	(27682.13)	(659%)	119.33	6%	26692.27	87%
floatBench/dbl/numMul.as	(2,616.67)	(31%)	(27340.80)	(593%)	2998.33	27%	27374.93	86%
floatBench/dbl/numNeg.as	(905.67)	(32%)	(26999.47)	(586%)	1011.33	27%	27136.00	86%
floatBench/dbl/numSub.as	(2,601.33)	(30%)	(29184.00)	(633%)	2924.00	26%	26828.80	86%

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
floatBench/NumRayTracer.as	(8.93)	(1%)	0.00	0%	(5.93)	(1%)	0.00	0%
jsbench/Crypt.as	32.00	1%	(1570.13)	(1%)	7.00	0%	(648.53)	(1%)
jsbench/Euler.as	(248.00)	(5%)	(20275.20)	(131%)	301.33	6%	20787.20	57%
jsbench/FFT.as	(52.67)	(1%)	(21060.27)	(35%)	177.00	3%	22971.73	28%
jsbench/HeapSort.as	(7.00)	(0%)	0.00	0%	(2.33)	(0%)	102.40	1%
jsbench/LUFact.as	113.33	3%	4061.87	6%	(37.00)	(1%)	5154.13	8%
jsbench/Moldyn.as	(1,005.33)	(14%)	(26828.80)	(546%)	1162.33	14%	27545.60	85%
jsbench/Series.as	208.67	3%	(2184.53)	(6%)	71.00	1%	6724.27	17%
jsbench/SOR.as	(1,348.00)	(6%)	1024.00	1%	1894.00	8%	(4164.27)	(6%)
jsbench/SparseMatmult.as	(122.67)	(2%)	(25565.87)	(69%)	417.67	5%	28057.60	44%
jsbench/typed/Crypt.as	0.67	0%	0.00	0%	(0.33)	(0%)	0.00	0%
jsbench/typed/Euler.as	(1,008.67)	(17%)	(24166.40)	(280%)	145.33	8%	27716.27	80%
jsbench/typed/FFT.as	(0.33)	(0%)	955.73	4%	0.67	0%	1228.80	6%
jsbench/typed/HeapSort.as	0.67	0%	0.00	0%	1.00	0%	0.00	0%
jsbench/typed/LUFact.as	(27.33)	(3%)	(10274.13)	(102%)	(1.00)	(0%)	0.00	0%
jsbench/typed/Moldyn.as	(515.00)	(15%)	(27545.60)	(549%)	(2.67)	(0%)	3174.40	42%
jsbench/typed/Series.as	(710.33)	(14%)	(27170.13)	(577%)	751.00	14%	27545.60	86%
jsbench/typed/SOR.as	(8.00)	(0%)	(3208.53)	(12%)	0.67	0%	0.00	0%
jsbench/typed/SparseMatmult.as	(4.33)	(0%)	(102.40)	(1%)	(7.33)	(1%)	102.40	1%
jsmicro/alloc-1.as	0.06	0%	0.00	0%	(0.62)	(1%)	0.00	0%
jsmicro/alloc-10.as	(2.39)	(18%)	(18636.80)	(414%)	2.02	18%	18397.87	81%
jsmicro/alloc-11.as	0.14	1%	0.00	0%	0.11	1%	0.00	0%
jsmicro/alloc-12.as	0.06	0%	0.00	0%	(0.04)	(0%)	0.00	0%
jsmicro/alloc-13.as	(0.16)	(0%)	0.00	0%	(0.89)	(1%)	0.00	0%
jsmicro/alloc-14.as	(0.46)	(1%)	34.13	1%	(0.22)	(0%)	170.67	4%
jsmicro/alloc-2.as	(1.09)	(4%)	0.00	0%	(0.03)	(0%)	0.00	0%
jsmicro/alloc-3.as	5.79	50%	(33075.20)	(734%)	(3.38)	(19%)	12219.73	77%
jsmicro/alloc-4.as	1.08	2%	0.00	0%	(0.17)	(0%)	0.00	0%
jsmicro/alloc-5.as	0.73	2%	0.00	0%	1.53	4%	0.00	0%
jsmicro/alloc-6.as	(0.80)	(1%)	0.00	0%	(2.30)	(3%)	0.00	0%
jsmicro/alloc-7.as	(0.42)	(1%)	0.00	0%	(0.28)	(1%)	0.00	0%
jsmicro/alloc-8.as	(4.50)	(30%)	(16349.87)	(363%)	4.27	41%	16964.27	79%
jsmicro/alloc-9.as	(4.31)	(29%)	(16520.53)	(364%)	4.24	41%	17066.67	79%
jsmicro/arguments-1.as	0.21	0%	0.00	0%	0.45	0%	0.00	0%
jsmicro/arguments-2.as	0.00	0%	0.00	0%	(3.99)	(3%)	0.00	0%
jsmicro/arguments-3.as	0.04	0%	0.00	0%	0.17	1%	0.00	0%
jsmicro/array-1.as	(0.17)	(0%)	0.00	0%	(32.45)	(6%)	0.00	0%
jsmicro/array-2.as	(16.48)	(4%)	0.00	0%	(31.39)	(8%)	0.00	0%

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
jsmicro/array-pop-1.as	3.48	4%	(273.07)	(6%)	(0.32)	(0%)	(170.67)	(4%)
jsmicro/array-push-1.as	(0.05)	(0%)	0.00	0%	0.04	0%	0.00	0%
jsmicro/array-shift-1.as	0.17	0%	34.13	1%	(1.21)	(2%)	341.33	7%
jsmicro/array-slice-1.as	0.82	3%	0.00	0%	0.29	1%	0.00	0%
jsmicro/array-sort-1.as	0.24	1%	(512.00)	(11%)	0.07	0%	68.27	1%
jsmicro/array-sort-2.as	0.01	0%	(68.27)	(2%)	0.00	0%	0.00	0%
jsmicro/array-sort-3.as	(0.02)	(0%)	68.27	1%	0.17	1%	0.00	0%
jsmicro/array-sort-4.as	0.09	1%	(204.80)	(2%)	(0.22)	(1%)	68.27	1%
jsmicro/array-unshift-1.as	3.19	12%	0.00	0%	0.26	1%	0.00	0%
jsmicro/closedvar-read-1.as	(0.06)	(0%)	0.00	0%	(155.19)	(20%)	0.00	0%
jsmicro/closedvar-write-1.as	(30.90)	(5%)	0.00	0%	(28.96)	(5%)	0.00	0%
jsmicro/closedvar-write-2.as	(30.34)	(5%)	0.00	0%	(68.23)	(12%)	0.00	0%
jsmicro/do-1.as	0.11	0%	0.00	0%	(163.17)	(20%)	0.00	0%
jsmicro/for-1.as	0.33	0%	0.00	0%	(182.25)	(22%)	0.00	0%
jsmicro/for-2.as	(51.43)	(20%)	(26999.47)	(613%)	58.16	30%	26589.87	86%
jsmicro/for-3.as	(43.35)	(23%)	(26828.80)	(595%)	45.00	31%	28979.20	87%
jsmicro/for-in-1.as	0.12	0%	0.00	0%	(4.77)	(1%)	0.00	0%
jsmicro/for-in-2.as	0.21	0%	0.00	0%	(64.23)	(17%)	0.00	0%
jsmicro/funcall-1.as	0.11	0%	0.00	0%	(16.74)	(5%)	0.00	0%
jsmicro/funcall-2.as	(0.09)	(0%)	0.00	0%	(14.28)	(5%)	0.00	0%
jsmicro/funcall-3.as	0.00	0%	0.00	0%	(18.71)	(6%)	0.00	0%
jsmicro/funcall-4.as	0.00	0%	0.00	0%	(9.32)	(0%)	0.00	0%
jsmicro/globalvar-read-1.as	0.27	0%	0.00	0%	(155.55)	(20%)	0.00	0%
jsmicro/globalvar-write-1.as	(30.81)	(5%)	0.00	0%	(85.71)	(15%)	0.00	0%
jsmicro/isNaN-1.as	0.00	0%	0.00	0%	(58.04)	(10%)	0.00	0%
jsmicro/lookup-array-fetch-1.as	5.00	1%	(204.80)	(4%)	12.11	2%	102.40	2%
jsmicro/lookup-array-in-1.as	(20.98)	(2%)	(477.87)	(8%)	19.31	2%	307.20	5%
jsmicro/lookup-object-fetch-1.as	(12.25)	(1%)	(102.40)	(1%)	(11.41)	(2%)	0.00	0%
jsmicro/lookup-object-in-1.as	(13.32)	(1%)	(102.40)	(1%)	18.32	2%	0.00	0%
jsmicro/number-toString-1.as	(0.02)	(0%)	0.00	0%	0.15	2%	0.00	0%
jsmicro/number-toString-2.as	0.11	0%	0.00	0%	(1.71)	(2%)	0.00	0%
jsmicro/ooop-1.as	(0.17)	(3%)	(4266.67)	(104%)	0.07	2%	3481.60	46%
jsmicro/parseFloat-1.as	(6.35)	(9%)	(20275.20)	(483%)	(12.46)	(18%)	22289.07	84%
jsmicro/parselnt-1.as	0.00	0%	0.00	0%	(16.92)	(10%)	0.00	0%
jsmicro/regex-exec-1.as	(5.11)	(6%)	0.00	0%	(0.99)	(1%)	0.00	0%
jsmicro/regex-exec-2.as	(4.93)	(5%)	0.00	0%	(2.79)	(3%)	0.00	0%
jsmicro/regex-exec-3.as	(0.09)	(0%)	0.00	0%	(4.10)	(3%)	0.00	0%
jsmicro/regex-exec-4.as	(8.86)	(2%)	0.00	0%	(5.76)	(2%)	0.00	0%

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
jsmicro/string-casechange-1.as	0.41	2%	0.00	0%	0.15	1%	0.00	0%
jsmicro/string-casechange-2.as	0.36	1%	0.00	0%	0.00	0%	0.00	0%
jsmicro/string-charAt-1.as	(0.80)	(1%)	0.00	0%	(2.16)	(2%)	0.00	0%
jsmicro/string-charAt-2.as	0.35	1%	0.00	0%	(0.61)	(1%)	0.00	0%
jsmicro/string-charCodeAt-1.as	(2.58)	(2%)	0.00	0%	(3.73)	(3%)	0.00	0%
jsmicro/string-charCodeAt-2.as	0.55	0%	0.00	0%	(2.86)	(2%)	0.00	0%
jsmicro/string-fromCharCode-1.as	1.84	2%	0.00	0%	(3.59)	(3%)	0.00	0%
jsmicro/string-fromCharCode-2.as	0.21	0%	0.00	0%	(0.96)	(2%)	0.00	0%
jsmicro/string-fromCharCode-3.as	1.61	2%	0.00	0%	(1.50)	(2%)	0.00	0%
jsmicro/string-fromCharCode-4.as	0.13	0%	0.00	0%	(0.90)	(1%)	0.00	0%
jsmicro/string-indexOf-1.as	(2.20)	(2%)	0.00	0%	(15.67)	(14%)	0.00	0%
jsmicro/string-indexOf-2.as	(1.00)	(1%)	0.00	0%	(14.15)	(19%)	0.00	0%
jsmicro/string-indexOf-3.as	(1.89)	(3%)	0.00	0%	(3.99)	(6%)	0.00	0%
jsmicro/string-lastIndexOf-1.as	(2.56)	(2%)	0.00	0%	(1.73)	(2%)	0.00	0%
jsmicro/string-lastIndexOf-2.as	(1.06)	(1%)	0.00	0%	7.84	12%	0.00	0%
jsmicro/string-lastIndexOf-3.as	(1.43)	(2%)	0.00	0%	8.90	13%	0.00	0%
jsmicro/string-slice-1.as	(0.76)	(1%)	0.00	0%	0.16	0%	0.00	0%
jsmicro/string-split-1.as	(0.10)	(1%)	0.00	0%	(0.05)	(0%)	0.00	0%
jsmicro/string-split-2.as	(0.03)	(0%)	0.00	0%	(0.05)	(1%)	0.00	0%
jsmicro/string-substring-1.as	(0.36)	(0%)	0.00	0%	(0.65)	(1%)	0.00	0%
jsmicro/switch-1.as	(0.13)	(0%)	0.00	0%	(5.22)	(4%)	0.00	0%
jsmicro/switch-2.as	(0.05)	(0%)	0.00	0%	(1.81)	(2%)	0.00	0%
jsmicro/switch-3.as	(0.03)	(0%)	0.00	0%	(2.28)	(2%)	0.00	0%
jsmicro/try-1.as	0.00	0%	0.00	0%	(9.57)	(4%)	0.00	0%
jsmicro/try-2.as	3.01	20%	(25838.93)	(631%)	(2.38)	(13%)	24746.67	86%
jsmicro/try-3.as	0.36	1%	0.00	0%	(0.43)	(1%)	0.00	0%
jsmicro/while-1.as	0.27	0%	0.00	0%	(182.37)	(22%)	0.00	0%
language/describetype/desctypeperf.as	26.33	5%	(3584.00)	(94%)	(26.00)	(6%)	3549.87	49%
language/e4x/addingToXMLList.as	1.00	8%	(307.20)	(8%)	(1.00)	(8%)	238.93	6%
language/e4x/appendChildAndString.as	1.00	3%	(204.80)	(5%)	(0.67)	(2%)	477.87	11%
language/e4x/concatenatingStringsFromE4X.as	(0.33)	(6%)	(34.13)	(1%)	0.33	7%	(68.27)	(2%)
language/e4x/simpleStringConcatenation.as	0.33	25%	(34.13)	(1%)	0.00	0%	(34.13)	(1%)
language/e4x/usingAppendChildAndE4X.as	0.67	2%	(204.80)	(6%)	0.00	0%	136.53	4%
language/string/append_concat.as	0.00	0%	(136.53)	(1%)	0.00	0%	(443.73)	(2%)
language/string/append_equal_plus.as	0.67	1%	375.47	1%	0.33	1%	34.13	0%
language/string/append_plus_equal.as	(0.33)	(1%)	(102.40)	(0%)	0.33	1%	0.00	0%
language/string/charAt.as	(3.33)	(3%)	34.13	0%	(2.67)	(3%)	0.00	0%
language/string/charCodeAt.as	(2.00)	(2%)	102.40	1%	(4.00)	(3%)	0.00	0%

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
language/string/indexOf.as	0.00	0%	0.00	0%	(0.67)	(0%)	0.00	0%
language/string/lastIndexOf.as	1.00	1%	0.00	0%	7.33	4%	0.00	0%
language/string/replace.as	0.33	0%	(68.27)	(1%)	44.00	13%	(68.27)	(1%)
language/string/replace2.as	28.33	5%	(204.80)	(10%)	(10.67)	(2%)	0.00	0%
language/string/search.as	0.00	0%	0.00	0%	0.00	0%	0.00	0%
language/string/slice.as	(4.67)	(3%)	(68.27)	(1%)	(0.33)	(0%)	204.80	3%
language/string/split.as	0.00	0%	0.00	0%	5.33	2%	0.00	0%
language/string/static_ascii_array_100.as	0.67	0%	68.27	1%	(0.33)	(0%)	204.80	3%
language/string/static_ascii_array_50.as	1.33	1%	136.53	2%	(0.67)	(0%)	68.27	1%
language/string/static_latin1_array_100.as	(2.00)	(1%)	170.67	1%	0.67	0%	(34.13)	(0%)
language/string/static_latin1_array_50.as	(1.00)	(1%)	204.80	2%	(0.33)	(0%)	(68.27)	(1%)
language/string/substr.as	(1.33)	(1%)	(204.80)	(4%)	0.00	0%	(68.27)	(1%)
language/string/substring.as	(2.67)	(2%)	(204.80)	(4%)	(0.33)	(0%)	0.00	0%
language/string/typed/append_concat.as	(0.33)	(1%)	(1126.40)	(4%)	(0.33)	(1%)	68.27	0%
language/string/typed/append_equal_plus.as	1.33	3%	(102.40)	(0%)	0.00	0%	(409.60)	(2%)
language/string/typed/append_plus_equal.as	0.00	0%	(1877.33)	(7%)	0.33	1%	0.00	0%
language/string/typed/charAt.as	(0.67)	(7%)	68.27	0%	0.00	0%	0.00	0%
language/string/typed/charCodeAt.as	0.00	0%	68.27	0%	0.00	0%	0.00	0%
language/string/typed/indexOf.as	(0.33)	(0%)	34.13	0%	(0.33)	(0%)	0.00	0%
language/string/typed/lastIndexOf.as	0.67	0%	0.00	0%	7.33	4%	0.00	0%
language/string/typed/replace.as	12.33	4%	204.80	3%	62.67	18%	238.93	4%
language/string/typed/replace2.as	25.33	4%	(204.80)	(10%)	(9.33)	(1%)	0.00	0%
language/string/typed/search.as	(0.33)	(1%)	0.00	0%	0.00	0%	34.13	1%
language/string/typed/slice.as	0.00	0%	(546.13)	(7%)	(0.33)	(0%)	307.20	4%
language/string/typed/split.as	1.00	0%	0.00	0%	6.67	2%	341.33	0%
language/string/typed/substr.as	(0.67)	(1%)	(68.27)	(1%)	(0.33)	(0%)	(136.53)	(3%)
language/string/typed/substring.as	(0.67)	(1%)	(68.27)	(1%)	0.00	0%	0.00	0%
misc/boids.as	(8.00)	(1%)	(8328.53)	(189%)	10.00	1%	8396.80	66%
misc/boidshack.as	(1.00)	(0%)	(6109.87)	(56%)	(2.00)	(1%)	5666.13	34%
misc/bytearray-to-vector-be.as	0.88	0%	102.40	3%	(1.66)	(0%)	(34.13)	(1%)
misc/bytearray-to-vector-le.as	5.87	2%	102.40	3%	(2.00)	(0%)	34.13	1%
misc/bytearray-to-vector-worst.as	4.53	1%	102.40	3%	(0.61)	(0%)	34.13	1%
misc/gameoflife.as	(2.33)	(0%)	68.27	1%	3.00	0%	34.13	1%
misc/primes.as	(1.00)	(0%)	0.00	0%	0.00	0%	0.00	0%
misc/SHA256-array.as	4.66	0%	0.00	0%	0.00	0%	0.00	0%
misc/SHA256-vector.as	18.32	1%	(68.27)	(3%)	(0.67)	(0%)	0.00	0%
misc/vector-to-bytearray-be.as	(0.13)	(0%)	0.00	0%	(0.33)	(0%)	0.00	0%
misc/vector-to-bytearray-le.as	(0.12)	(0%)	0.00	0%	(0.33)	(0%)	0.00	0%

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
misc/vector-to-bytearray-worst.as	0.10	0%	0.00	0%	0.00	0%	0.00	0%
mmgc/gcbench.as	(5.33)	(0%)	0.00	0%	(7.67)	(0%)	0.00	0%
mmgc/ofib-rc.as	1.00	0%	0.00	0%	(4.00)	(2%)	0.00	0%
mmgc/ofib.as	(23.00)	(3%)	11605.33	9%	(14.33)	(2%)	(18670.93)	(18%)
mmgc/sfib.as	(1.33)	(1%)	34.13	1%	(1.33)	(1%)	102.40	2%
scimark/FFT.as	(210.67)	(15%)	(26419.20)	(561%)	247.33	15%	26248.53	85%
scimark/LU.as	(184.33)	(9%)	(24917.33)	(401%)	195.33	9%	24917.33	80%
scimark/MonteCarlo.as	16.33	1%	0.00	0%	(48.33)	(4%)	0.00	0%
scimark/SOR.as	(258.00)	(16%)	(25668.27)	(411%)	310.00	16%	26112.00	82%
scimark/SparseCompRow.as	(1.33)	(2%)	(238.93)	(7%)	(0.33)	(1%)	34.13	1%
sunspider-0.9.1/js/access-binary-trees.as	0.33	1%	0.00	0%	(0.33)	(1%)	0.00	0%
sunspider-0.9.1/js/access-fannkuch.as	(1.33)	(3%)	0.00	0%	(1.33)	(3%)	0.00	0%
sunspider-0.9.1/js/access-nbody.as	(5.67)	(10%)	(3481.60)	(86%)	6.00	10%	3379.20	45%
sunspider-0.9.1/js/access-nsieve.as	(0.67)	(4%)	204.80	4%	(0.33)	(2%)	(648.53)	(13%)
sunspider-0.9.1/js/bitops-3bit-bits-in-byte.as	0.33	6%	0.00	0%	(0.67)	(13%)	0.00	0%
sunspider-0.9.1/js/bitops-bits-in-byte.as	(0.67)	(4%)	0.00	0%	0.33	2%	0.00	0%
sunspider-0.9.1/js/bitops-bitwise-and.as	2.00	1%	0.00	0%	(0.33)	(0%)	0.00	0%
sunspider-0.9.1/js/bitops-nsieve-bits.as	0.33	2%	0.00	0%	(1.00)	(5%)	0.00	0%
sunspider-0.9.1/js/controlflow-recursive.as	0.33	3%	0.00	0%	(0.33)	(3%)	0.00	0%
sunspider-0.9.1/js/crypto-aes.as	0.67	3%	(102.40)	(5%)	(0.67)	(3%)	102.40	5%
sunspider-0.9.1/js/crypto-md5.as	0.00	0%	0.00	0%	0.67	8%	34.13	2%
sunspider-0.9.1/js/crypto-sha1.as	0.67	8%	0.00	0%	0.00	0%	0.00	0%
sunspider-0.9.1/js/math-cordic.as	(5.00)	(13%)	(3481.60)	(88%)	4.67	11%	3276.80	45%
sunspider-0.9.1/js/math-partial-sums.as	1.00	1%	(2252.80)	(58%)	3.33	2%	2321.07	37%
sunspider-0.9.1/js/math-spectral-norm.as	2.00	11%	(102.40)	(3%)	(1.33)	(8%)	0.00	0%
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/s3d-cube.as	2.00	4%	(4983.47)	(111%)	(0.67)	(1%)	5188.27	53%
sunspider-0.9.1/js/s3d-morph.as	(4.33)	(11%)	(3003.73)	(55%)	2.33	5%	2730.67	33%
sunspider-0.9.1/js/s3d-raytrace.as	1.33	3%	(34.13)	(1%)	2.67	5%	(34.13)	(1%)
sunspider-0.9.1/js/string-fasta.as	(0.33)	(1%)	(204.80)	(8%)	(2.00)	(5%)	0.00	0%
sunspider-0.9.1/js/string-unpack-code.as	(18.33)	(1%)	102.40	1%	292.33	8%	(682.67)	(4%)
sunspider-0.9.1/js/string-validate-input.as	(0.67)	(2%)	(307.20)	(9%)	0.33	1%	0.00	0%
sunspider-0.9.1/typed/access-binary-trees.as	(0.67)	(13%)	0.00	0%	1.00	17%	0.00	0%
sunspider-0.9.1/typed/access-fannkuch.as	0.00	0%	0.00	0%	0.33	1%	0.00	0%
sunspider-0.9.1/typed/access-nbody.as	0.00	0%	0.00	0%	(0.33)	(20%)	0.00	0%
sunspider-0.9.1/typed/access-nsieve.as	0.00	0%	375.47	7%	(0.33)	(3%)	(102.40)	(2%)
sunspider-0.9.1/typed/bitops-3bit-bits-in-byte.as	0.00	0%	0.00	0%	0.00	0%	0.00	0%
sunspider-0.9.1/typed/bitops-bits-in-byte.as	0.00	0%	0.00	0%	(0.67)	(11%)	0.00	0%

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
sunspider-0.9.1/typed/bitops-bitwise-and.as	0.00	0%	0.00	0%	(0.33)	(25%)	0.00	0%
sunspider-0.9.1/typed/bitops-nsieve-bits.as	0.00	0%	0.00	0%	0.00	0%	0.00	0%
sunspider-0.9.1/typed/controlflow-recursive.as	0.33	13%	0.00	0%	0.00	0%	0.00	0%
sunspider-0.9.1/typed/crypto-aes.as	(0.33)	(2%)	(102.40)	(5%)	0.00	0%	136.53	6%
sunspider-0.9.1/typed/crypto-md5.as	0.00	0%	0.00	0%	(0.33)	(14%)	0.00	0%
sunspider-0.9.1/typed/crypto-sha1.as	0.00	0%	0.00	0%	(1.00)	(50%)	0.00	0%
sunspider-0.9.1/typed/math-cordic.as	(1.00)	(9%)	(204.80)	(6%)	0.33	3%	102.40	3%
sunspider-0.9.1/typed/math-partial-sums.as	0.00	0%	0.00	0%	1.00	14%	0.00	0%
sunspider-0.9.1/typed/math-spectral-norm.as	(0.33)	(7%)	0.00	0%	0.33	7%	0.00	0%
sunspider-0.9.1/typed/regexp-dna.as	0.00	0%	1058.13	8%	(13.00)	(2%)	546.13	5%
sunspider-0.9.1/typed/s3d-cube.as	0.00	0%	(68.27)	(3%)	(0.67)	(6%)	0.00	0%
sunspider-0.9.1/typed/s3d-morph.as	(5.00)	(16%)	(3072.00)	(56%)	3.33	10%	3037.87	35%
sunspider-0.9.1/typed/s3d-raytrace.as	(0.67)	(11%)	(102.40)	(3%)	0.33	5%	(34.13)	(1%)
sunspider-0.9.1/typed/string-fasta.as	0.67	3%	(716.80)	(18%)	(1.67)	(8%)	716.80	15%
sunspider-0.9.1/typed/string-unpack-code.as	(10.67)	(0%)	(1297.07)	(8%)	306.00	9%	1638.40	10%
sunspider-0.9.1/typed/string-validate-input.as	(0.33)	(2%)	(307.20)	(9%)	(0.33)	(2%)	0.00	0%
sunspider/access-binary-trees.as	(0.67)	(3%)	0.00	0%	0.00	0%	0.00	0%
sunspider/access-fannkuch.as	(0.33)	(1%)	0.00	0%	1.00	2%	0.00	0%
sunspider/access-nbody.as	(1.00)	(2%)	(648.53)	(16%)	1.67	3%	648.53	14%
sunspider/access-nsieve.as	0.67	3%	(443.73)	(11%)	(0.67)	(3%)	273.07	6%
sunspider/as3/access-binary-trees.as	0.00	0%	0.00	0%	0.33	5%	0.00	0%
sunspider/as3/access-fannkuch.as	(0.33)	(1%)	0.00	0%	(0.33)	(1%)	0.00	0%
sunspider/as3/access-nbody.as	0.67	17%	0.00	0%	(0.33)	(9%)	0.00	0%
sunspider/as3/access-nsieve.as	0.00	0%	(102.40)	(2%)	0.33	3%	1024.00	21%
sunspider/as3/bitops-3bit-bits-in-byte.as	(0.33)	(10%)	0.00	0%	0.00	0%	0.00	0%
sunspider/as3/bitops-bits-in-byte.as	0.00	0%	0.00	0%	0.00	0%	0.00	0%
sunspider/as3/bitops-bitwise-and.as	0.00	0%	0.00	0%	0.33	17%	0.00	0%
sunspider/as3/bitops-nsieve-bits.as	1.33	10%	0.00	0%	0.00	0%	0.00	0%
sunspider/as3/controlflow-recursive.as	0.00	0%	0.00	0%	0.67	22%	0.00	0%
sunspider/as3/crypto-aes.as	(0.67)	(3%)	0.00	0%	0.00	0%	34.13	2%
sunspider/as3/crypto-md5.as	(0.33)	(4%)	0.00	0%	(1.00)	(11%)	204.80	9%
sunspider/as3/crypto-sha1.as	0.00	0%	0.00	0%	0.00	0%	0.00	0%
sunspider/as3/date-format-tofte.as	10.67	8%	(2730.67)	(70%)	(4.33)	(3%)	2628.27	40%
sunspider/as3/math-cordic.as	(1.00)	(9%)	(204.80)	(6%)	(0.67)	(7%)	0.00	0%
sunspider/as3/math-partial-sums.as	(0.33)	(1%)	(34.13)	(1%)	(0.33)	(1%)	34.13	1%
sunspider/as3/math-spectral-norm.as	0.67	17%	0.00	0%	(0.33)	(10%)	0.00	0%
sunspider/as3/s3d-cube.as	0.00	0%	(102.40)	(5%)	(0.67)	(5%)	136.53	6%
sunspider/as3/s3d-morph.as	(2.33)	(13%)	(68.27)	(2%)	1.67	9%	(68.27)	(2%)

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
sunspider/as3/s3d-raytrace.as	0.33	2%	0.00	0%	0.00	0%	0.00	0%
sunspider/as3/string-fasta.as	(2.33)	(9%)	68.27	2%	1.33	5%	68.27	2%
sunspider/as3/string-unpack-code.as	5.67	6%	(34.13)	(1%)	(0.67)	(1%)	34.13	1%
sunspider/as3/string-validate-input.as	(0.33)	(1%)	(204.80)	(6%)	(1.00)	(4%)	0.00	0%
sunspider/as3vector/access-fannkuch.as	0.33	2%	0.00	0%	0.00	0%	0.00	0%
sunspider/as3vector/access-nbody.as	0.00	0%	0.00	0%	(0.33)	(12%)	0.00	0%
sunspider/as3vector/access-nsieve.as	0.00	0%	0.00	0%	0.33	4%	0.00	0%
sunspider/as3vector/bitops-nsieve-bits.as	0.00	0%	0.00	0%	0.00	0%	0.00	0%
sunspider/as3vector/math-cordic.as	(0.33)	(4%)	0.00	0%	0.00	0%	0.00	0%
sunspider/as3vector/math-spectral-norm.as	0.33	3%	0.00	0%	0.00	0%	0.00	0%
sunspider/as3vector/s3d-cube.as	(0.67)	(3%)	0.00	0%	(0.67)	(4%)	0.00	0%
sunspider/as3vector/s3d-morph.as	(0.33)	(4%)	0.00	0%	0.00	0%	204.80	9%
sunspider/as3vector/string-fasta.as	(1.00)	(4%)	(34.13)	(1%)	0.33	2%	34.13	1%
sunspider/as3vector/string-validate-input.as	0.67	3%	(307.20)	(9%)	(0.33)	(1%)	(68.27)	(2%)
sunspider/bitops-3bit-bits-in-byte.as	(0.67)	(11%)	0.00	0%	0.67	10%	0.00	0%
sunspider/bitops-bits-in-byte.as	0.00	0%	0.00	0%	(2.00)	(11%)	0.00	0%
sunspider/bitops-bitwise-and.as	1.00	1%	0.00	0%	(2.33)	(1%)	0.00	0%
sunspider/bitops-nsieve-bits.as	(0.33)	(2%)	0.00	0%	(0.33)	(2%)	0.00	0%
sunspider/controlflow-recursive.as	(1.00)	(10%)	0.00	0%	(0.67)	(7%)	0.00	0%
sunspider/crypto-aes.as	(0.33)	(1%)	0.00	0%	(0.33)	(1%)	34.13	2%
sunspider/crypto-md5.as	(0.67)	(7%)	(102.40)	(5%)	0.33	3%	34.13	2%
sunspider/crypto-sha1.as	(0.67)	(8%)	0.00	0%	0.67	7%	0.00	0%
sunspider/date-format-tofte.as	3.33	2%	(2662.40)	(68%)	0.67	0%	2764.80	41%
sunspider/math-cordic.as	(1.67)	(4%)	(1399.47)	(36%)	2.67	7%	1536.00	28%
sunspider/math-partial-sums.as	1.33	1%	(136.53)	(4%)	3.33	2%	68.27	2%
sunspider/math-spectral-norm.as	(4.00)	(22%)	0.00	0%	2.00	10%	102.40	3%
sunspider/s3d-cube.as	(9.67)	(19%)	(3345.07)	(78%)	9.67	16%	3447.47	45%
sunspider/s3d-morph.as	(2.33)	(9%)	(68.27)	(2%)	(2.00)	(7%)	(136.53)	(4%)
sunspider/s3d-raytrace.as	0.00	0%	(204.80)	(6%)	(0.67)	(1%)	68.27	2%
sunspider/string-fasta.as	(1.67)	(3%)	(204.80)	(10%)	(6.00)	(12%)	68.27	3%
sunspider/string-unpack-code.as	4.33	4%	(102.40)	(3%)	1.33	1%	0.00	0%
sunspider/string-validate-input.as	(1.00)	(3%)	(307.20)	(9%)	(0.67)	(2%)	0.00	0%
v8.5/js/crypto.as	(46.00)	(5%)	(102.40)	(5%)	(11.67)	(1%)	102.40	5%
v8.5/js/deltablue.as	4.00	1%	(3106.13)	(74%)	(7.67)	(2%)	2560.00	37%
v8.5/js/earley-boyer.as	45.33	4%	(7099.73)	(60%)	(41.33)	(3%)	6963.20	37%
v8.5/js/raytrace.as	(12.67)	(1%)	(512.00)	(15%)	(4.33)	(1%)	238.93	7%
v8.5/js/regexp.as	(1.00)	(1%)	0.00	0%	(0.67)	(1%)	0.00	0%
v8.5/js/richards.as	(3.33)	(1%)	(34.13)	(1%)	0.33	0%	0.00	0%

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
v8.5/js/splay.as	158.33	14%	0.00	0%	0.33	0%	0.00	0%
v8.5/optimized/crypto.as	68.33	1%	(68.27)	(3%)	(31.33)	(0%)	0.00	0%
v8.5/optimized/deltablue.as	(16.33)	(0%)	(273.07)	(6%)	(59.00)	(1%)	341.33	7%
v8.5/optimized/earley-boyer.as	52.00	4%	(7133.87)	(61%)	(37.33)	(3%)	7304.53	38%
v8.5/optimized/raytrace.as	(96.33)	(1%)	(68.27)	(3%)	(106.33)	(1%)	(341.33)	(15%)
v8.5/optimized/regexp.as	0.00	0%	0.00	0%	0.00	0%	68.27	2%
v8.5/optimized/richards.as	16.67	0%	(170.67)	(5%)	39.67	1%	0.00	0%
v8.5/optimized/splay.as	(8.67)	(0%)	(1160.53)	(1%)	(19.67)	(0%)	0.00	0%
v8.5/typed/crypto.as	(6.33)	(0%)	(102.40)	(4%)	(6.33)	(0%)	0.00	0%
v8.5/typed/deltablue.as	(27.00)	(1%)	(443.73)	(10%)	(28.33)	(1%)	375.47	8%
v8.5/typed/earley-boyer.as	39.33	3%	(7509.33)	(64%)	(30.00)	(2%)	7372.80	39%
v8.5/typed/raytrace.as	(82.67)	(1%)	(34.13)	(2%)	(82.67)	(1%)	0.00	0%
v8.5/typed/regexp.as	(0.33)	(0%)	(34.13)	(1%)	0.33	0%	68.27	2%
v8.5/typed/richards.as	0.00	0%	(34.13)	(1%)	29.33	1%	0.00	0%
v8.5/typed/splay.as	14.67	1%	0.00	0%	8.33	1%	0.00	0%
v8.5/untyped/crypto.as	(10.00)	(1%)	(102.40)	(5%)	82.00	9%	0.00	0%
v8.5/untyped/deltablue.as	(3.67)	(0%)	(409.60)	(10%)	(19.67)	(1%)	273.07	6%
v8.5/untyped/earley-boyer.as	53.33	4%	(7270.40)	(62%)	(44.00)	(4%)	6963.20	37%
v8.5/untyped/raytrace.as	(303.67)	(7%)	(9250.13)	(199%)	281.67	7%	9796.27	68%
v8.5/untyped/regexp.as	(1.00)	(1%)	(68.27)	(2%)	(0.67)	(1%)	34.13	1%
v8.5/untyped/richards.as	(3.67)	(1%)	(68.27)	(3%)	16.00	3%	102.40	4%
v8.5/untyped/splay.as	20.67	1%	(68.27)	(0%)	18.33	1%	0.00	0%
v8/crypto.as	(26.33)	(3%)	0.00	0%	(6.33)	(1%)	(34.13)	(1%)
v8/deltablue.as	41.00	2%	(512.00)	(13%)	(20.67)	(1%)	477.87	10%
v8/earley-boyer.as	46.00	4%	(6826.67)	(58%)	(23.67)	(2%)	7475.20	39%
v8/raytrace.as	(263.67)	(7%)	(8908.80)	(192%)	205.00	6%	9352.53	67%
v8/richards.as	29.33	2%	(34.13)	(1%)	(2.00)	(0%)	0.00	0%
v8/typed/crypto.as	(1.67)	(0%)	(34.13)	(1%)	(92.00)	(9%)	34.13	1%
v8/typed/deltablue.as	12.00	0%	(341.33)	(8%)	(27.00)	(1%)	273.07	6%
v8/typed/earley-boyer.as	53.00	4%	(6929.07)	(60%)	(20.67)	(2%)	6963.20	37%
v8/typed/raytrace.as	(84.33)	(1%)	(512.00)	(17%)	51.33	1%	1467.73	32%
v8/typed/richards.as	(73.33)	(3%)	(68.27)	(2%)	(9.33)	(0%)	0.00	0%

t/m d(avg) %d(avg)

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
mmgc/ofib.as	time	874.00	897.00	862.67	877.00	127419.7	115814.4	104755.2	123426.1
v8.5/optimized/raytrace.as	v8	10,215.67	10,119.33	10,390.67	10,284.33	2048.0	2116.3	2286.9	2628.3
sunspider-0.9.1/js/access-nsieve.as	time	18.00	18.67	19.33	19.67	4915.2	4710.4	4983.5	5632.0
jsbench/SOR.as	time	22,093.67	23,441.67	23,526.33	21,632.33	72567.5	71543.5	69120.0	73284.3
sunspider-0.9.1/js/regexp-dna.as	time	325.33	325.33	629.00	635.67	10683.7	10240.0	10137.6	10649.6
sunspider-0.9.1/js/string-unpack-code.as	time	2,740.33	2,758.67	3,457.00	3,164.67	15940.3	15837.9	15667.2	16349.9
sunspider/s3d-morph.as	time	27.00	29.33	26.67	28.67	3584.0	3652.3	3549.9	3686.4
jsmicro/array-pop-1.as	iterations/second	97.98	101.46	81.78	81.46	4334.9	4608.0	4642.1	4812.8
asmicro/vector-write-C-2.as	iterations/second	46.35	45.05	109.30	104.88	2048.0	2150.4	2286.9	2355.2
language/string/typed/substr.as	time	88.00	88.67	87.00	87.33	4812.8	4881.1	4881.1	5017.6
language/e4x/concatenatingStringsFromE4X.as	time	5.33	5.67	4.67	4.33	3584.0	3618.1	3618.1	3686.4
sunspider/as3/s3d-morph.as	time	18.33	20.67	18.67	17.00	3618.1	3686.4	3618.1	3686.4
sunspider-0.9.1/typed/access-nsieve.as	time	9.33	9.33	9.67	10.00	5222.4	4846.9	5427.2	5529.6
sunspider/as3vector/string-validate-input.as	time	26.33	25.67	26.67	27.00	3584.0	3891.2	3822.9	3891.2
language/string/append_concat.as	time	56.00	56.00	56.00	56.00	25497.6	25634.1	25702.4	26146.1
language/string/typed/append_equal_plus.as	time	43.33	42.00	43.00	43.00	25497.6	25600.0	25702.4	26112.0
asmicro/alloc-14.as	iterations/second	97.95	97.12	94.50	94.84	4539.7	4505.6	4369.1	4437.3
language/string/substr.as	time	129.00	130.33	123.67	123.67	4812.8	5017.6	4949.3	5017.6
language/string/replace.as	time	304.00	303.67	340.33	296.33	6041.6	6109.9	6075.7	6144.0
sunspider-0.9.1/typed/s3d-raytrace.as	time	6.00	6.67	6.67	6.33	2969.6	3072.0	3072.0	3106.1
v8/crypto.as	v8	1,004.00	977.67	1,027.33	1,021.00	3072.0	3072.0	3106.1	3140.3
asmicro/bytearray-read-utfbytes-2.as	iterations/second	4.43	4.27	4.66	4.66	2969.6	3174.4	3174.4	3208.5
asmicro/array-sort-2.as	iterations/second	3.18	3.21	3.18	3.15	3106.1	3276.8	3276.8	3310.9
language/e4x/simpleStringConcatenation.as	time	1.33	1.00	1.00	1.00	3584.0	3618.1	3618.1	3652.3
misc/bytearray-to-vector-be.as	iterations/second	339.87	340.76	586.36	584.69	4096.0	3993.6	4027.7	4061.9
language/string/static_latin1_array_50.as	time	186.67	187.67	188.00	188.33	9728.0	9523.2	9659.7	9728.0
jsbench/Crypt.as	time	2,455.33	2,423.33	2,402.00	2,395.00	105676.8	107246.9	101922.1	102570.7
sunspider-0.9.1/js/s3d-raytrace.as	time	50.33	49.00	56.00	53.33	5597.9	5632.0	5802.7	5836.8
language/string/static_latin1_array_100.as	time	376.67	378.67	379.00	378.33	11980.8	11810.1	11468.8	11502.9
asmicro/alloc-0.as	iterations/second	71.64	71.74	118.91	118.80	2048.0	2048.0	2048.0	2048.0
asmicro/alloc-1.as	iterations/second	50.08	49.87	56.87	56.79	2048.0	2048.0	2048.0	2048.0
asmicro/alloc-11.as	iterations/second	18.46	18.63	17.30	17.31	2048.0	2048.0	2048.0	2048.0
asmicro/alloc-12.as	iterations/second	18.64	18.75	17.41	17.49	2048.0	2048.0	2048.0	2048.0
asmicro/alloc-13.as	iterations/second	122.43	122.02	118.45	118.53	2048.0	2048.0	2048.0	2048.0
asmicro/alloc-2.as	iterations/second	26.84	25.62	30.38	30.49	2048.0	2048.0	2048.0	2048.0
asmicro/alloc-4.as	iterations/second	61.90	62.54	59.21	59.23	2048.0	2048.0	2048.0	2048.0
asmicro/alloc-5.as	iterations/second	45.04	45.76	43.45	43.74	2048.0	2048.0	2048.0	2048.0
asmicro/alloc-6.as	iterations/second	94.81	95.65	91.82	92.69	2048.0	2048.0	2048.0	2048.0
asmicro/alloc-7.as	iterations/second	52.03	51.89	52.39	52.20	2048.0	2048.0	2048.0	2048.0

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
asmicro/arguments-1.as	iterations/second	1,124.21	1,019.31	1,142.19	1,145.85	2048.0	2048.0	2048.0	2048.0
asmicro/arguments-2.as	iterations/second	664.01	628.16	586.36	585.03	2048.0	2048.0	2048.0	2048.0
asmicro/arguments-3.as	iterations/second	26.75	27.02	24.26	25.15	2048.0	2048.0	2048.0	2048.0
asmicro/arguments-4.as	iterations/second	37.79	37.78	32.44	32.75	2048.0	2048.0	2048.0	2048.0
asmicro/array-1.as	iterations/second	1,727.94	2,371.30	3,825.51	3,815.52	2048.0	2048.0	2048.0	2048.0
asmicro/array-2.as	iterations/second	869.51	825.51	857.57	809.52	2048.0	2048.0	2048.0	2048.0
asmicro/array-foreach-func.as	iterations/second	434.42	434.13	428.76	431.28	2048.0	2048.0	2048.0	2048.0
asmicro/array-foreach-method-sans-types.as	iterations/second	672.65	668.78	675.76	678.99	2048.0	2048.0	2048.0	2048.0
asmicro/array-foreach-method-with-types.as	iterations/second	352.08	357.74	464.71	448.25	2048.0	2048.0	2048.0	2048.0
asmicro/array-init-1.as	iterations/second	559.92	571.10	542.46	541.10	2048.0	2048.0	2048.0	2048.0
asmicro/array-init-2.as	iterations/second	572.57	589.02	555.93	555.44	2048.0	2048.0	2048.0	2048.0
asmicro/array-init-3.as	iterations/second	387.96	392.22	368.26	363.15	2048.0	2048.0	2048.0	2048.0
asmicro/array-init-4.as	iterations/second	377.24	381.32	339.43	359.40	2048.0	2048.0	2048.0	2048.0
asmicro/array-pop-1.as	iterations/second	498.00	498.34	478.87	480.36	3584.0	3652.3	3686.4	3686.4
asmicro/array-push-1.as	iterations/second	384.77	387.48	389.48	385.43	2048.0	2048.0	2048.0	2048.0
asmicro/array-read-C-1.as	iterations/second	235.22	234.86	561.07	561.40	2048.0	2048.0	2048.0	2048.0
asmicro/array-read-C-2.as	iterations/second	59.37	59.37	37.52	37.39	2048.0	2048.0	2048.0	2048.0
asmicro/array-read-int-1.as	iterations/second	236.13	236.13	555.26	555.26	2048.0	2048.0	2048.0	2048.0
asmicro/array-read-int-2.as	iterations/second	59.39	59.45	37.22	37.15	2048.0	2048.0	2048.0	2048.0
asmicro/array-read-int-5.as	iterations/second	158.52	203.12	316.26	316.16	2048.0	2048.0	2048.0	2048.0
asmicro/array-read-int-6.as	iterations/second	158.52	203.12	316.37	315.95	2048.0	2048.0	2048.0	2048.0
asmicro/array-read-int-7.as	iterations/second	156.91	205.59	316.37	316.47	2048.0	2048.0	2048.0	2048.0
asmicro/array-read-length-1.as	iterations/second	96.04	96.07	95.99	95.96	2048.0	2048.0	2048.0	2048.0
asmicro/array-read-Number-1.as	iterations/second	236.13	236.06	555.26	555.07	2048.0	2048.0	2048.0	2048.0
asmicro/array-read-Number-2.as	iterations/second	59.37	59.39	37.52	37.32	2048.0	2048.0	2048.0	2048.0
asmicro/array-slice-1.as	iterations/second	28.64	29.85	27.20	27.76	2048.0	2048.0	2048.0	2048.0
asmicro/array-sort-1.as	iterations/second	38.85	39.28	37.88	37.66	3584.0	3686.4	3891.2	3891.2
asmicro/array-sort-4.as	iterations/second	13.23	13.31	14.18	14.06	8396.8	8294.4	8499.2	8499.2
asmicro/array-unshift-1.as	iterations/second	202.93	204.72	191.49	192.55	2048.0	2048.0	2048.0	2048.0
asmicro/array-write-int-1.as	iterations/second	74.50	71.71	75.47	70.62	2218.7	2252.8	2457.6	2457.6
asmicro/bytearray-read-available-1.as	iterations/second	173.31	183.45	183.63	183.51	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-bool-1.as	iterations/second	10.90	10.91	27.97	27.96	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-byte-1.as	iterations/second	10.98	11.17	28.20	28.21	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-byte-2.as	iterations/second	119.13	119.13	123.79	123.55	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-byte-3.as	iterations/second	102.90	102.90	106.26	105.93	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-bytes-2.as	iterations/second	975.69	975.37	965.03	965.71	4198.4	4096.0	4198.4	4198.4
asmicro/bytearray-read-double-1.as	iterations/second	10.10	10.29	20.49	20.47	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-double-2.as	iterations/second	10.27	11.03	35.47	35.47	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-float-1.as	iterations/second	10.26	10.67	28.27	28.27	2048.0	2048.0	2048.0	2048.0

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
asmicro/bytearray-read-float-2.as	iterations/second	10.80	11.40	35.05	35.00	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-int-1.as	iterations/second	10.44	10.90	24.63	24.63	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-int-2.as	iterations/second	11.18	11.42	26.66	26.66	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-length-1.as	iterations/second	190.18	190.24	190.24	190.11	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-position-1.as	iterations/second	190.24	186.38	190.11	190.30	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-short-1.as	iterations/second	9.86	9.84	26.56	26.54	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-short-2.as	iterations/second	10.38	10.19	26.68	26.66	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-ubyte-1.as	iterations/second	11.05	11.17	28.20	28.21	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-uint-1.as	iterations/second	10.48	10.87	25.58	25.50	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-uint-2.as	iterations/second	11.10	11.38	26.68	26.66	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-ushort-1.as	iterations/second	9.80	9.84	26.57	26.56	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-ushort-2.as	iterations/second	10.20	10.32	26.67	26.67	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-utf-1.as	iterations/second	19.10	17.38	41.12	41.41	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-utf-2.as	iterations/second	4.45	4.26	4.68	4.68	2969.6	3174.4	3174.4	3174.4
asmicro/bytearray-read-utfbytes-1.as	iterations/second	18.55	17.50	39.31	39.41	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-bool-1.as	iterations/second	7.87	7.81	21.93	22.12	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-byte-1.as	iterations/second	7.74	7.82	22.31	22.30	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-byte-2.as	iterations/second	81.11	79.42	88.79	89.67	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-byte-3.as	iterations/second	81.35	82.02	90.04	87.10	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-bytes-1.as	iterations/second	26.52	25.86	25.24	25.24	2867.2	2901.3	2969.6	2969.6
asmicro/bytearray-write-bytes-2.as	iterations/second	1,368.63	1,374.29	1,335.33	1,332.33	4266.7	4198.4	4198.4	4198.4
asmicro/bytearray-write-double-1.as	iterations/second	7.35	7.32	18.47	18.38	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-double-2.as	iterations/second	7.37	7.49	23.35	23.32	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-float-1.as	iterations/second	7.20	7.19	18.68	19.02	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-float-2.as	iterations/second	7.67	7.60	22.95	22.95	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-int-1.as	iterations/second	7.36	7.26	20.72	20.71	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-int-2.as	iterations/second	7.81	7.80	22.17	22.18	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-position-1.as	iterations/second	194.03	193.83	193.96	194.03	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-short-1.as	iterations/second	7.28	7.24	21.56	21.56	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-short-2.as	iterations/second	7.45	7.47	22.18	22.16	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-uint-1.as	iterations/second	7.36	7.26	20.72	20.72	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-uint-2.as	iterations/second	7.80	7.80	22.18	22.18	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-utf-2.as	iterations/second	30.64	30.58	30.24	30.47	5734.4	5563.7	5597.9	5597.9
asmicro/closedvar-read-1.as	iterations/second	4,540.13	4,535.46	4,525.14	4,524.81	2048.0	2048.0	2048.0	2048.0
asmicro/closedvar-write-1.as	iterations/second	2,641.03	2,638.69	2,639.69	2,640.03	2048.0	2048.0	2048.0	2048.0
asmicro/closedvar-write-2.as	iterations/second	2,641.36	2,639.03	2,640.36	2,640.36	2048.0	2048.0	2048.0	2048.0
asmicro/do-1.as	iterations/second	5,273.39	5,272.39	5,274.39	5,272.39	2048.0	2048.0	2048.0	2048.0
asmicro/for-1.as	iterations/second	4,524.48	4,521.15	4,520.81	4,520.48	2048.0	2048.0	2048.0	2048.0
asmicro/for-2.as	iterations/second	2,880.12	2,880.45	2,880.79	2,878.79	2048.0	2048.0	2048.0	2048.0

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
asmicro/for-3.as	iterations/second	2,881.45	2,879.45	2,880.79	2,879.79	2048.0	2048.0	2048.0	2048.0
asmicro/for-in-1.as	iterations/second	495.50	495.50	492.34	494.51	2048.0	2048.0	2048.0	2048.0
asmicro/for-in-2.as	iterations/second	463.41	463.20	468.22	472.72	2048.0	2048.0	2048.0	2048.0
asmicro/funcall-1.as	iterations/second	487.85	487.85	487.68	487.52	2048.0	2048.0	2048.0	2048.0
asmicro/funcall-2.as	iterations/second	335.99	336.33	401.86	401.80	2048.0	2048.0	2048.0	2048.0
asmicro/funcall-3.as	iterations/second	440.97	440.68	450.43	453.09	2048.0	2048.0	2048.0	2048.0
asmicro/funcall-4.as	iterations/second	156.53	158.19	153.49	147.88	2150.4	2286.9	2355.2	2355.2
asmicro/globalvar-read-1.as	iterations/second	4,525.47	4,523.14	4,565.10	4,537.46	2048.0	2048.0	2048.0	2048.0
asmicro/globalvar-write-1.as	iterations/second	2,640.69	2,640.36	2,640.69	2,639.69	2048.0	2048.0	2048.0	2048.0
asmicro/isNaN-1.as	iterations/second	3,752.25	3,752.91	3,753.91	3,754.91	2048.0	2048.0	2048.0	2048.0
asmicro/isNaN-2.as	iterations/second	4,275.39	4,276.39	4,275.72	4,274.39	2048.0	2048.0	2048.0	2048.0
asmicro/isNaN-3.as	iterations/second	3,974.03	3,976.02	4,216.12	4,214.79	2048.0	2048.0	2048.0	2048.0
asmicro/lookup-object-fetch-1.as	iterations/second	1,041.29	1,022.31	814.85	815.31	6963.2	7065.6	7065.6	7065.6
asmicro/lookup-object-in-1.as	iterations/second	1,714.95	1,670.33	1,669.66	1,700.97	6963.2	7065.6	7065.6	7065.6
asmicro/number-toString-1.as	iterations/second	10.69	10.51	10.14	10.20	2048.0	2048.0	2048.0	2048.0
asmicro/number-toString-2.as	iterations/second	98.47	98.84	97.64	97.51	2048.0	2048.0	2048.0	2048.0
asmicro/object-read-length-1.as	iterations/second	351.53	351.53	351.41	351.41	2048.0	2048.0	2048.0	2048.0
asmicro/parseFloat-1.as	iterations/second	97.77	97.87	110.70	110.16	2048.0	2048.0	2048.0	2048.0
asmicro/parseln-1.as	iterations/second	247.84	247.84	242.27	240.52	2048.0	2048.0	2048.0	2048.0
asmicro/regex-exec-1.as	iterations/second	91.90	86.73	77.38	75.50	2048.0	2048.0	2048.0	2048.0
asmicro/regex-exec-2.as	iterations/second	111.59	105.70	94.22	91.57	2048.0	2048.0	2048.0	2048.0
asmicro/regex-exec-3.as	iterations/second	155.22	153.39	147.51	143.61	2048.0	2048.0	2048.0	2048.0
asmicro/regex-exec-4.as	iterations/second	441.26	432.76	373.25	362.61	2048.0	2048.0	2048.0	2048.0
asmicro/restarg-1.as	iterations/second	1,124.88	1,020.31	1,141.53	1,143.86	2048.0	2048.0	2048.0	2048.0
asmicro/restarg-2.as	iterations/second	661.67	625.75	581.56	583.22	2048.0	2048.0	2048.0	2048.0
asmicro/restarg-3.as	iterations/second	49.39	50.58	46.74	46.88	2048.0	2048.0	2048.0	2048.0
asmicro/restarg-4.as	iterations/second	37.74	37.87	32.35	32.83	2048.0	2048.0	2048.0	2048.0
asmicro/string-casechange-1.as	iterations/second	36.31	36.67	36.14	34.11	2048.0	2048.0	2048.0	2048.0
asmicro/string-casechange-2.as	iterations/second	36.38	36.49	36.03	34.05	2048.0	2048.0	2048.0	2048.0
asmicro/string-charAt-1.as	iterations/second	2,093.57	2,093.24	2,110.89	2,109.89	2048.0	2048.0	2048.0	2048.0
asmicro/string-charAt-2.as	iterations/second	107.57	107.53	107.95	107.75	2048.0	2048.0	2048.0	2048.0
asmicro/string-charCodeAt-1.as	iterations/second	2,385.28	2,387.61	2,386.95	2,385.28	2048.0	2048.0	2048.0	2048.0
asmicro/string-charCodeAt-2.as	iterations/second	2,266.07	2,265.73	2,273.06	2,275.06	2048.0	2048.0	2048.0	2048.0
asmicro/string-charCodeAt-3.as	iterations/second	1,611.06	1,611.06	1,594.41	1,589.74	2048.0	2048.0	2048.0	2048.0
asmicro/string-charCodeAt-4.as	iterations/second	2,598.07	2,596.07	2,597.74	2,597.74	2048.0	2048.0	2048.0	2048.0
asmicro/string-charCodeAt-5.as	iterations/second	1,425.57	1,425.24	1,313.02	1,425.24	2048.0	2048.0	2048.0	2048.0
asmicro/string-charCodeAt-6.as	iterations/second	2,384.95	2,385.95	2,387.28	2,386.61	2048.0	2048.0	2048.0	2048.0
asmicro/string-charCodeAt-7.as	iterations/second	2,587.75	2,588.74	2,587.08	2,588.74	2048.0	2048.0	2048.0	2048.0
asmicro/string-fromCharCode-1.as	iterations/second	406.78	406.99	421.91	391.88	2048.0	2048.0	2048.0	2048.0

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
asmicro/string-fromCharCode-2.as	iterations/second	81.86	82.37	83.61	82.34	2048.0	2048.0	2048.0	2048.0
asmicro/string-indexOf-1.as	iterations/second	350.42	350.73	347.64	186.36	2048.0	2048.0	2048.0	2048.0
asmicro/string-indexOf-2.as	iterations/second	183.72	185.63	165.95	137.98	2048.0	2048.0	2048.0	2048.0
asmicro/string-indexOf-3.as	iterations/second	140.82	140.81	140.16	141.01	2048.0	2048.0	2048.0	2048.0
asmicro/string-lastIndexOf-1.as	iterations/second	813.52	813.85	793.54	792.94	2048.0	2048.0	2048.0	2048.0
asmicro/string-lastIndexOf-2.as	iterations/second	139.81	139.26	139.30	188.83	2048.0	2048.0	2048.0	2048.0
asmicro/string-lastIndexOf-3.as	iterations/second	148.34	149.27	147.66	195.95	2048.0	2048.0	2048.0	2048.0
asmicro/string-slice-1.as	iterations/second	174.24	173.65	175.65	175.47	2048.0	2048.0	2048.0	2048.0
asmicro/string-split-1.as	iterations/second	12.02	12.10	11.69	11.68	2048.0	2048.0	2048.0	2048.0
asmicro/string-split-2.as	iterations/second	11.74	11.87	11.46	11.44	2048.0	2048.0	2048.0	2048.0
asmicro/string-substring-1.as	iterations/second	184.08	183.57	184.45	184.14	2048.0	2048.0	2048.0	2048.0
asmicro/switch-1.as	iterations/second	906.46	906.09	906.09	906.43	2048.0	2048.0	2048.0	2048.0
asmicro/switch-2.as	iterations/second	148.31	148.31	146.32	147.61	2048.0	2048.0	2048.0	2048.0
asmicro/switch-3.as	iterations/second	302.09	302.29	299.60	299.30	2048.0	2048.0	2048.0	2048.0
asmicro/try-1.as	iterations/second	357.40	357.17	349.20	347.75	2048.0	2048.0	2048.0	2048.0
asmicro/try-3.as	iterations/second	74.00	73.88	74.16	73.84	2048.0	2048.0	2048.0	2048.0
asmicro/vector-init-1.as	iterations/second	330.78	331.00	318.70	319.03	2048.0	2048.0	2048.0	2048.0
asmicro/vector-init-2.as	iterations/second	420.44	416.83	398.14	398.87	2048.0	2048.0	2048.0	2048.0
asmicro/vector-init-3.as	iterations/second	230.39	231.64	217.49	214.21	2048.0	2048.0	2048.0	2048.0
asmicro/vector-init-4.as	iterations/second	193.34	189.35	186.53	185.57	2048.0	2048.0	2048.0	2048.0
asmicro/vector-nested-read-Number-1.as	iterations/second	60.42	60.42	288.52	288.76	2048.0	2048.0	2048.0	2048.0
asmicro/vector-nested-read-Number-2.as	iterations/second	89.73	89.70	288.90	288.71	2048.0	2048.0	2048.0	2048.0
asmicro/vector-push-1.as	iterations/second	64.48	63.72	78.07	77.10	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-C-1.as	iterations/second	129.78	129.78	684.86	684.42	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-C-2.as	iterations/second	125.75	125.75	656.69	656.24	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-char-1.as	iterations/second	37.86	37.74	209.79	209.58	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-char-2.as	iterations/second	118.21	118.21	210.37	210.37	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-int-1.as	iterations/second	279.02	278.92	715.95	715.62	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-int-2.as	iterations/second	280.63	280.11	749.33	749.58	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-int-3.as	iterations/second	262.81	262.95	656.34	656.01	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-int-4.as	iterations/second	278.98	278.92	758.74	758.32	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-int-5.as	iterations/second	214.21	214.14	405.46	405.32	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-int-6.as	iterations/second	214.21	214.14	405.19	404.99	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-int-7.as	iterations/second	211.23	211.44	376.50	376.50	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-length-1.as	iterations/second	121.93	121.88	296.51	296.17	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-Number-1.as	iterations/second	280.25	281.35	716.14	716.47	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-Number-2.as	iterations/second	273.66	273.39	716.05	715.28	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-uint-1.as	iterations/second	278.92	278.83	758.99	758.91	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-uint-2.as	iterations/second	282.77	282.86	749.92	749.25	2048.0	2048.0	2048.0	2048.0

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
asmicro/vector-read-uint-3.as	iterations/second	257.23	256.56	631.16	631.16	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-uint-4.as	iterations/second	278.83	278.44	715.71	715.38	2048.0	2048.0	2048.0	2048.0
asmicro/vector-write-Boolean-1.as	iterations/second	90.49	82.53	91.93	91.93	2389.3	2457.6	2560.0	2560.0
asmicro/vector-write-C-1.as	iterations/second	46.44	45.42	110.30	106.92	2048.0	2150.4	2321.1	2321.1
asmicro/vector-write-int-1.as	iterations/second	193.36	193.42	365.90	366.27	2457.6	2491.7	2560.0	2560.0
asmicro/vector-write-int-2.as	iterations/second	194.48	194.35	363.15	363.15	2457.6	2560.0	2560.0	2560.0
asmicro/vector-write-int-3.as	iterations/second	151.39	151.34	339.77	339.55	2355.2	2389.3	2457.6	2457.6
asmicro/vector-write-int-4.as	iterations/second	144.42	144.42	339.43	339.43	2150.4	2355.2	2457.6	2457.6
asmicro/vector-write-int-5.as	iterations/second	143.86	143.86	341.09	340.98	2150.4	2355.2	2457.6	2457.6
asmicro/vector-write-uint-1.as	iterations/second	193.29	193.23	366.93	366.81	2457.6	2560.0	2560.0	2560.0
asmicro/vector-write-uint-2.as	iterations/second	194.16	194.03	362.91	363.15	2457.6	2525.9	2560.0	2560.0
asmicro/while-1.as	iterations/second	4,521.81	4,521.48	4,521.48	4,515.82	2048.0	2048.0	2048.0	2048.0
floatBench/dbl/dblAdd.as	time	567.00	567.00	567.00	566.67	2048.0	2048.0	2048.0	2048.0
floatBench/dbl/dblDec.as	time	630.00	629.33	629.67	630.67	2048.0	2048.0	2048.0	2048.0
floatBench/dbl/dblDiv.as	time	2,361.67	2,362.00	2,361.67	2,362.00	2048.0	2048.0	2048.0	2048.0
floatBench/dbl/dblInc.as	time	630.00	629.67	629.67	630.33	2048.0	2048.0	2048.0	2048.0
floatBench/dbl/dblMod.as	time	1,570.00	1,570.00	1,568.00	1,568.33	2048.0	2048.0	2048.0	2048.0
floatBench/dbl/dblMul.as	time	755.67	756.00	756.00	755.67	2048.0	2048.0	2048.0	2048.0
floatBench/dbl/dblNeg.as	time	238.00	249.00	233.67	235.33	2048.0	2048.0	2048.0	2048.0
floatBench/dbl/dblSub.as	time	567.33	567.00	567.00	567.33	2048.0	2048.0	2048.0	2048.0
floatBench/NumRayTracer.as	time	809.70	818.63	788.87	794.80	3891.2	3891.2	3891.2	3891.2
jsbench/typed/Crypt.as	time	736.33	735.67	608.00	608.33	37171.2	37171.2	37171.2	37171.2
jsbench/typed/HeapSort.as	time	938.67	938.00	580.67	579.67	5939.2	5939.2	5939.2	5939.2
jsbench/typed/LUFact.as	time	899.67	927.00	464.33	465.33	10035.2	20309.3	7168.0	7168.0
jsbench/typed/SOR.as	time	3,064.67	3,072.67	1,330.67	1,330.00	27238.4	30446.9	18944.0	18944.0
jsmicro/alloc-1.as	iterations/second	47.67	47.73	54.11	53.48	2048.0	2048.0	2048.0	2048.0
jsmicro/alloc-11.as	iterations/second	16.67	16.80	15.71	15.82	2048.0	2048.0	2048.0	2048.0
jsmicro/alloc-12.as	iterations/second	16.77	16.83	15.83	15.79	2048.0	2048.0	2048.0	2048.0
jsmicro/alloc-13.as	iterations/second	105.19	105.04	103.38	102.49	2048.0	2048.0	2048.0	2048.0
jsmicro/alloc-2.as	iterations/second	26.20	25.10	29.41	29.38	2048.0	2048.0	2048.0	2048.0
jsmicro/alloc-4.as	iterations/second	59.02	60.10	56.64	56.47	2048.0	2048.0	2048.0	2048.0
jsmicro/alloc-5.as	iterations/second	43.54	44.26	40.68	42.21	2048.0	2048.0	2048.0	2048.0
jsmicro/alloc-6.as	iterations/second	82.42	81.62	81.64	79.35	2048.0	2048.0	2048.0	2048.0
jsmicro/alloc-7.as	iterations/second	52.02	51.60	50.99	50.71	2048.0	2048.0	2048.0	2048.0
jsmicro/arguments-1.as	iterations/second	210.09	210.30	212.64	213.10	2048.0	2048.0	2048.0	2048.0
jsmicro/arguments-2.as	iterations/second	141.67	141.67	140.77	136.77	2048.0	2048.0	2048.0	2048.0
jsmicro/arguments-3.as	iterations/second	23.29	23.32	21.40	21.57	2048.0	2048.0	2048.0	2048.0
jsmicro/array-1.as	iterations/second	505.49	505.33	509.49	477.04	2048.0	2048.0	2048.0	2048.0
jsmicro/array-2.as	iterations/second	370.01	353.53	373.05	341.66	2048.0	2048.0	2048.0	2048.0

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
jsmicro/array-push-1.as	iterations/second	74.45	74.41	62.25	62.29	2048.0	2048.0	2048.0	2048.0
jsmicro/array-slice-1.as	iterations/second	24.09	24.91	22.06	22.35	2048.0	2048.0	2048.0	2048.0
jsmicro/array-sort-2.as	iterations/second	3.18	3.19	3.16	3.16	3174.4	3242.7	3140.3	3140.3
jsmicro/array-sort-3.as	iterations/second	29.72	29.70	27.91	28.08	7953.1	7884.8	7680.0	7680.0
jsmicro/array-unshift-1.as	iterations/second	27.39	30.58	26.57	26.84	2048.0	2048.0	2048.0	2048.0
jsmicro/closedvar-read-1.as	iterations/second	813.91	813.85	777.69	622.50	2048.0	2048.0	2048.0	2048.0
jsmicro/closedvar-write-1.as	iterations/second	587.49	556.59	556.74	527.77	2048.0	2048.0	2048.0	2048.0
jsmicro/closedvar-write-2.as	iterations/second	587.41	557.07	556.74	488.51	2048.0	2048.0	2048.0	2048.0
jsmicro/do-1.as	iterations/second	835.16	835.27	797.66	634.49	2048.0	2048.0	2048.0	2048.0
jsmicro/for-1.as	iterations/second	813.25	813.58	829.84	647.59	2048.0	2048.0	2048.0	2048.0
jsmicro/for-in-1.as	iterations/second	375.25	375.37	344.20	339.43	2048.0	2048.0	2048.0	2048.0
jsmicro/for-in-2.as	iterations/second	368.51	368.72	375.91	311.69	2048.0	2048.0	2048.0	2048.0
jsmicro/funcall-1.as	iterations/second	329.67	329.78	333.66	316.93	2048.0	2048.0	2048.0	2048.0
jsmicro/funcall-2.as	iterations/second	315.81	315.72	314.37	300.09	2048.0	2048.0	2048.0	2048.0
jsmicro/funcall-3.as	iterations/second	298.30	298.30	294.60	275.90	2048.0	2048.0	2048.0	2048.0
jsmicro/funcall-4.as	iterations/second	2,033.30	2,033.30	2,077.92	2,068.60	2048.0	2048.0	2048.0	2048.0
jsmicro/globalvar-read-1.as	iterations/second	813.58	813.85	777.64	622.09	2048.0	2048.0	2048.0	2048.0
jsmicro/globalvar-write-1.as	iterations/second	587.55	556.74	574.05	488.35	2048.0	2048.0	2048.0	2048.0
jsmicro/isNaN-1.as	iterations/second	598.54	598.54	587.01	528.98	2048.0	2048.0	2048.0	2048.0
jsmicro/lookup-object-fetch-1.as	iterations/second	901.76	889.52	718.80	707.39	6963.2	7065.6	7065.6	7065.6
jsmicro/lookup-object-in-1.as	iterations/second	1,147.19	1,133.87	1,137.53	1,155.84	6963.2	7065.6	7065.6	7065.6
jsmicro/number-toString-1.as	iterations/second	10.36	10.35	9.98	10.13	2048.0	2048.0	2048.0	2048.0
jsmicro/number-toString-2.as	iterations/second	80.36	80.46	79.02	77.30	2048.0	2048.0	2048.0	2048.0
jsmicro/parseln-1.as	iterations/second	171.60	171.60	165.18	148.26	2048.0	2048.0	2048.0	2048.0
jsmicro/regex-exec-1.as	iterations/second	79.95	74.83	67.22	66.22	2048.0	2048.0	2048.0	2048.0
jsmicro/regex-exec-2.as	iterations/second	101.86	96.92	85.57	82.78	2048.0	2048.0	2048.0	2048.0
jsmicro/regex-exec-3.as	iterations/second	138.07	137.98	131.59	127.49	2048.0	2048.0	2048.0	2048.0
jsmicro/regex-exec-4.as	iterations/second	357.50	348.64	304.73	298.97	2048.0	2048.0	2048.0	2048.0
jsmicro/string-casechange-1.as	iterations/second	24.00	24.41	23.54	23.68	2048.0	2048.0	2048.0	2048.0
jsmicro/string-casechange-2.as	iterations/second	24.45	24.81	23.78	23.78	2048.0	2048.0	2048.0	2048.0
jsmicro/string-charAt-1.as	iterations/second	142.00	141.20	129.11	126.94	2048.0	2048.0	2048.0	2048.0
jsmicro/string-charAt-2.as	iterations/second	61.84	62.19	59.70	59.09	2048.0	2048.0	2048.0	2048.0
jsmicro/string-charCodeAt-1.as	iterations/second	137.30	134.72	127.57	123.84	2048.0	2048.0	2048.0	2048.0
jsmicro/string-charCodeAt-2.as	iterations/second	133.91	134.46	125.13	122.26	2048.0	2048.0	2048.0	2048.0
jsmicro/string-fromCharCode-1.as	iterations/second	113.18	115.01	105.82	102.23	2048.0	2048.0	2048.0	2048.0
jsmicro/string-fromCharCode-2.as	iterations/second	53.45	53.66	51.66	50.70	2048.0	2048.0	2048.0	2048.0
jsmicro/string-fromCharCode-3.as	iterations/second	94.32	95.93	94.43	92.93	2048.0	2048.0	2048.0	2048.0
jsmicro/string-fromCharCode-4.as	iterations/second	98.64	98.77	96.65	95.74	2048.0	2048.0	2048.0	2048.0
jsmicro/string-indexOf-1.as	iterations/second	121.11	118.91	112.11	96.43	2048.0	2048.0	2048.0	2048.0

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
jsmicro/string-indexOf-2.as	iterations/second	80.76	79.76	75.93	61.77	2048.0	2048.0	2048.0	2048.0
jsmicro/string-indexOf-3.as	iterations/second	71.64	69.75	66.39	62.40	2048.0	2048.0	2048.0	2048.0
jsmicro/string-lastIndexOf-1.as	iterations/second	121.68	119.13	109.45	107.72	2048.0	2048.0	2048.0	2048.0
jsmicro/string-lastIndexOf-2.as	iterations/second	70.98	69.92	67.38	75.22	2048.0	2048.0	2048.0	2048.0
jsmicro/string-lastIndexOf-3.as	iterations/second	73.85	72.42	68.39	77.29	2048.0	2048.0	2048.0	2048.0
jsmicro/string-slice-1.as	iterations/second	76.08	75.32	73.99	74.15	2048.0	2048.0	2048.0	2048.0
jsmicro/string-split-1.as	iterations/second	11.19	11.09	10.80	10.75	2048.0	2048.0	2048.0	2048.0
jsmicro/string-split-2.as	iterations/second	10.93	10.90	10.59	10.54	2048.0	2048.0	2048.0	2048.0
jsmicro/string-substring-1.as	iterations/second	76.82	76.47	74.94	74.30	2048.0	2048.0	2048.0	2048.0
jsmicro/switch-1.as	iterations/second	134.55	134.42	145.65	140.44	2048.0	2048.0	2048.0	2048.0
jsmicro/switch-2.as	iterations/second	76.69	76.64	85.97	84.16	2048.0	2048.0	2048.0	2048.0
jsmicro/switch-3.as	iterations/second	92.29	92.26	114.65	112.37	2048.0	2048.0	2048.0	2048.0
jsmicro/try-1.as	iterations/second	273.69	273.69	267.62	258.06	2048.0	2048.0	2048.0	2048.0
jsmicro/try-3.as	iterations/second	61.79	62.15	61.88	61.45	2048.0	2048.0	2048.0	2048.0
jsmicro/while-1.as	iterations/second	813.58	813.85	830.17	647.80	2048.0	2048.0	2048.0	2048.0
language/string/append_plus_equal.as	time	46.33	46.67	47.00	46.67	25497.6	25600.0	25702.4	25702.4
language/string/charAt.as	time	107.00	110.33	102.33	105.00	15394.1	15360.0	15462.4	15462.4
language/string/charCodeAt.as	time	119.00	121.00	114.33	118.33	15462.4	15360.0	15462.4	15462.4
language/string/indexOf.as	time	235.67	235.67	235.33	236.00	26419.2	26419.2	26521.6	26521.6
language/string/lastIndexOf.as	time	175.00	174.00	174.00	166.67	16384.0	16384.0	16486.4	16486.4
language/string/replace2.as	time	627.00	598.67	647.00	657.67	2150.4	2355.2	2355.2	2355.2
language/string/search.as	time	30.00	30.00	30.00	30.00	2969.6	2969.6	2969.6	2969.6
language/string/split.as	time	278.67	278.67	282.33	277.00	91443.2	91443.2	91443.2	91443.2
language/string/substring.as	time	126.33	129.00	119.33	119.67	4812.8	5017.6	5017.6	5017.6
language/string/typed/append_plus_equal.as	time	42.67	42.67	43.33	43.00	25497.6	27374.9	25702.4	25702.4
language/string/typed/charAt.as	time	9.00	9.67	9.00	9.00	15428.3	15360.0	15462.4	15462.4
language/string/typed/charCodeAt.as	time	9.00	9.00	9.00	9.00	15428.3	15360.0	15462.4	15462.4
language/string/typed/indexOf.as	time	235.00	235.33	235.33	235.67	26453.3	26419.2	26521.6	26521.6
language/string/typed/lastIndexOf.as	time	175.00	174.33	174.00	166.67	16384.0	16384.0	16486.4	16486.4
language/string/typed/replace2.as	time	624.67	599.33	647.33	656.67	2150.4	2355.2	2355.2	2355.2
language/string/typed/substring.as	time	82.00	82.67	82.00	82.00	4812.8	4881.1	5017.6	5017.6
misc/primes.as	time	4,210.67	4,211.67	4,209.33	4,209.33	2048.0	2048.0	2048.0	2048.0
misc/SHA256-array.as	iterations/second	1,243.76	1,248.42	1,269.06	1,269.06	2048.0	2048.0	2150.4	2150.4
misc/SHA256-vector.as	iterations/second	1,675.99	1,694.31	1,980.69	1,980.02	2048.0	2116.3	2150.4	2150.4
misc/vector-to-bytearray-be.as	iterations/second	309.07	308.95	809.25	808.92	2048.0	2048.0	2048.0	2048.0
misc/vector-to-bytearray-le.as	iterations/second	319.92	319.80	901.43	901.10	2048.0	2048.0	2048.0	2048.0
misc/vector-to-bytearray-worst.as	iterations/second	308.97	309.07	808.92	808.92	2048.0	2048.0	2048.0	2048.0
mmgc/gcbench.as	time	2,159.67	2,165.00	2,256.33	2,264.00	36454.4	36454.4	36454.4	36454.4
mmgc/ofib-rc.as	time	244.67	243.67	206.67	210.67	51712.0	51712.0	42086.4	42086.4

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
scimark/MonteCarlo.as	time	1,377.67	1,361.33	1,295.33	1,343.67	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/js/access-binary-trees.as	time	24.33	24.00	26.33	26.67	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/js/access-fannkuch.as	time	50.33	51.67	51.67	53.00	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/js/bitops-3bit-bits-in-byte.as	time	5.67	5.33	5.33	6.00	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/js/bitops-bits-in-byte.as	time	18.33	19.00	20.00	19.67	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/js/bitops-bitwise-and.as	time	181.33	179.33	176.67	177.00	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/js/bitops-nsieve-bits.as	time	19.33	19.00	19.67	20.67	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/js/controlflow-recursive.as	time	10.33	10.00	10.33	10.67	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/js/crypto-sha1.as	time	8.00	7.33	8.00	8.00	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/js/math-spectral-norm.as	time	18.00	16.00	17.33	18.67	3822.9	3925.3	3993.6	3993.6
sunspider-0.9.1/js/string-fasta.as	time	41.00	41.33	40.00	42.00	2662.4	2867.2	2867.2	2867.2
sunspider-0.9.1/js/string-validate-input.as	time	29.33	30.00	31.00	30.67	3584.0	3891.2	3891.2	3891.2
sunspider-0.9.1/typed/access-binary-trees.as	time	5.33	6.00	6.00	5.00	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/access-fannkuch.as	time	32.00	32.00	29.67	29.33	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/access-nbody.as	time	2.00	2.00	1.67	2.00	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/bitops-3bit-bits-in-byte.as	time	3.33	3.33	3.00	3.00	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/bitops-bits-in-byte.as	time	7.00	7.00	6.33	7.00	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/bitops-bitwise-and.as	time	1.33	1.33	1.33	1.67	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/bitops-nsieve-bits.as	time	12.00	12.00	10.00	10.00	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/controlflow-recursive.as	time	2.67	2.33	3.00	3.00	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/crypto-md5.as	time	2.33	2.33	2.33	2.67	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/crypto-sha1.as	time	2.33	2.33	2.00	3.00	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/math-partial-sums.as	time	6.00	6.00	7.00	6.00	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/math-spectral-norm.as	time	4.67	5.00	4.67	4.33	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/s3d-cube.as	time	12.00	12.00	12.00	12.67	2355.2	2423.5	2457.6	2457.6
sunspider-0.9.1/typed/string-validate-input.as	time	19.00	19.33	19.00	19.33	3584.0	3891.2	3891.2	3891.2
sunspider/access-binary-trees.as	time	23.00	23.67	25.00	25.00	2048.0	2048.0	2048.0	2048.0
sunspider/access-fannkuch.as	time	51.00	51.33	51.33	50.33	2048.0	2048.0	2048.0	2048.0
sunspider/as3/access-binary-trees.as	time	6.33	6.33	7.00	6.67	2048.0	2048.0	2048.0	2048.0
sunspider/as3/access-fannkuch.as	time	30.67	31.00	27.00	27.33	2048.0	2048.0	2048.0	2048.0
sunspider/as3/access-nbody.as	time	4.00	3.33	3.67	4.00	2048.0	2048.0	2048.0	2048.0
sunspider/as3/bitops-3bit-bits-in-byte.as	time	3.33	3.67	3.33	3.33	2048.0	2048.0	2048.0	2048.0
sunspider/as3/bitops-bits-in-byte.as	time	7.00	7.00	7.00	7.00	2048.0	2048.0	2048.0	2048.0
sunspider/as3/bitops-bitwise-and.as	time	2.00	2.00	2.00	1.67	2048.0	2048.0	2048.0	2048.0
sunspider/as3/bitops-nsieve-bits.as	time	13.00	11.67	10.33	10.33	2048.0	2048.0	2048.0	2048.0
sunspider/as3/controlflow-recursive.as	time	3.00	3.00	3.00	2.33	2048.0	2048.0	2048.0	2048.0
sunspider/as3/crypto-sha1.as	time	7.00	7.00	7.00	7.00	2048.0	2048.0	2048.0	2048.0
sunspider/as3/math-cordic.as	time	11.00	12.00	9.67	10.33	3174.4	3379.2	3379.2	3379.2
sunspider/as3/math-spectral-norm.as	time	4.00	3.33	3.33	3.67	2048.0	2048.0	2048.0	2048.0

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
sunspider/as3/s3d-raytrace.as	time	22.00	21.67	22.67	22.67	3686.4	3686.4	3891.2	3891.2
sunspider/as3/string-validate-input.as	time	24.33	24.67	25.00	26.00	3686.4	3891.2	3891.2	3891.2
sunspider/as3vector/access-fannkuch.as	time	19.00	18.67	9.00	9.00	2048.0	2048.0	2048.0	2048.0
sunspider/as3vector/access-nbody.as	time	3.67	3.67	2.67	3.00	2048.0	2048.0	2048.0	2048.0
sunspider/as3vector/access-nsieve.as	time	9.00	9.00	8.67	8.33	3174.4	3174.4	3174.4	3174.4
sunspider/as3vector/bitops-nsieve-bits.as	time	6.00	6.00	3.67	3.67	2048.0	2048.0	2048.0	2048.0
sunspider/as3vector/math-cordic.as	time	9.33	9.67	9.00	9.00	2867.2	2867.2	2969.6	2969.6
sunspider/as3vector/math-spectral-norm.as	time	10.00	9.67	9.00	9.00	2867.2	2867.2	2969.6	2969.6
sunspider/as3vector/s3d-cube.as	time	24.33	25.00	16.67	17.33	2969.6	2969.6	2150.4	2150.4
sunspider/bitops-3bit-bits-in-byte.as	time	6.00	6.67	6.67	6.00	2048.0	2048.0	2048.0	2048.0
sunspider/bitops-bits-in-byte.as	time	19.00	19.00	18.00	20.00	2048.0	2048.0	2048.0	2048.0
sunspider/bitops-bitwise-and.as	time	180.00	179.00	176.00	178.33	2048.0	2048.0	2048.0	2048.0
sunspider/bitops-nsieve-bits.as	time	19.67	20.00	20.00	20.33	2048.0	2048.0	2048.0	2048.0
sunspider/controlflow-recursive.as	time	10.33	11.33	10.00	10.67	2048.0	2048.0	2048.0	2048.0
sunspider/crypto-sha1.as	time	8.33	9.00	9.67	9.00	2048.0	2048.0	2048.0	2048.0
sunspider/string-unpack-code.as	time	100.33	96.00	121.33	120.00	3993.6	4096.0	3993.6	3993.6
sunspider/string-validate-input.as	time	31.00	32.00	33.00	33.67	3584.0	3891.2	3891.2	3891.2
v8.5/js/regexp.as	v8	172.00	171.00	117.67	117.00	3584.0	3584.0	3686.4	3686.4
v8.5/js/richards.as	v8	375.00	371.67	330.67	331.00	2423.5	2457.6	2457.6	2457.6
v8.5/js/splay.as	v8	1,113.33	1,271.67	1,183.33	1,183.67	190361.6	190361.6	155136.0	155136.0
v8.5/optimized/crypto.as	v8	4,814.67	4,883.00	9,431.33	9,400.00	2355.2	2423.5	2560.0	2560.0
v8.5/optimized/richards.as	v8	4,945.67	4,962.33	5,075.67	5,115.33	3242.7	3413.3	3447.5	3447.5
v8.5/optimized/splay.as	v8	6,758.00	6,749.33	6,585.33	6,565.67	82534.4	83694.9	84582.4	84582.4
v8.5/typed/crypto.as	v8	3,549.00	3,542.67	5,790.33	5,784.00	2423.5	2525.9	2560.0	2560.0
v8.5/typed/raytrace.as	v8	10,246.67	10,164.00	10,435.67	10,353.00	2048.0	2082.1	2150.4	2150.4
v8.5/typed/richards.as	v8	4,965.00	4,965.00	5,061.00	5,090.33	3379.2	3413.3	3447.5	3447.5
v8.5/typed/splay.as	v8	1,628.67	1,643.33	1,567.33	1,575.67	118784.0	118784.0	120729.6	120729.6
v8.5/untyped/crypto.as	v8	979.00	969.00	919.67	1,001.67	2048.0	2150.4	2184.5	2184.5
v8.5/untyped/splay.as	v8	1,545.33	1,566.00	1,483.67	1,502.00	118886.4	118954.7	122265.6	122265.6
v8/richards.as	v8	1,605.33	1,634.67	1,587.33	1,585.33	3037.9	3072.0	3174.4	3174.4
v8/typed/richards.as	v8	2,805.33	2,732.00	2,779.33	2,770.00	3345.1	3413.3	3447.5	3447.5
language/string/append_equal_plus.as	time	46.67	46.00	47.00	46.67	25975.5	25600.0	25702.4	25668.3
language/string/typed/append_concat.as	time	51.67	52.00	52.00	52.33	25497.6	26624.0	25702.4	25634.1
language/string/typed/split.as	time	279.67	278.67	290.67	284.00	91443.2	91443.2	91784.5	91443.2
asmicro/bytarray-write-utfbytes-2.as	iterations/second	34.40	34.43	34.49	34.54	5734.4	5597.9	5666.1	5632.0
misc/gameoflife.as	time	1,085.33	1,087.67	1,104.33	1,101.33	5256.5	5188.3	5188.3	5154.1
jsmicro/array-sort-4.as	iterations/second	13.88	13.97	14.75	14.53	8430.9	8635.7	8567.5	8499.2
misc/bytarray-to-vector-worst.as	iterations/second	338.32	342.86	585.83	585.22	4096.0	3993.6	4096.0	4061.9
jsbench/HeapSort.as	time	2,429.00	2,436.00	2,412.00	2,414.33	11673.6	11673.6	12185.6	12083.2

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
misc/bytearray-to-vector-le.as	iterations/second	356.52	362.40	626.16	624.17	4096.0	3993.6	4061.9	4027.7
sunspider/as3/string-unpack-code.as	time	99.67	94.00	119.00	119.67	4061.9	4096.0	4027.7	3993.6
scimark/SparseCompRow.as	time	74.67	76.00	62.00	62.33	3652.3	3891.2	3925.3	3891.2
v8.5/untyped/regexp.as	v8	172.00	171.00	118.00	117.33	3515.7	3584.0	3686.4	3652.3
language/string/static_ascii_array_50.as	time	182.00	180.67	182.33	183.00	7202.1	7065.6	7270.4	7202.1
language/string/typed/search.as	time	29.33	29.67	30.33	30.33	3072.0	3072.0	3276.8	3242.7
asmicro/vector-write-Number-1.as	iterations/second	198.07	198.47	358.07	358.07	3242.7	3276.8	3208.5	3174.4
v8/typed/crypto.as	v8	1,063.67	1,062.00	1,081.00	989.00	3072.0	3106.1	3208.5	3174.4
asmicro/array-write-C-2.as	iterations/second	31.52	31.44	31.15	30.87	2969.6	3037.9	3072.0	3037.9
jsbench/typed/SparseMatmult.as	time	1,779.00	1,783.33	789.67	797.00	8601.6	8704.0	8704.0	8601.6
jsmicro/array-sort-1.as	iterations/second	36.48	36.72	35.24	35.31	4642.1	5154.1	5393.1	5324.8
sunspider/as3/math-partial-sums.as	time	52.67	53.00	56.00	56.33	2525.9	2560.0	2628.3	2594.1
asmicro/array-write-int-3.as	iterations/second	84.66	78.32	83.22	78.55	2252.8	2321.1	2491.7	2457.6
asmicro/bytearray-write-utfbytes-1.as	iterations/second	77.28	78.45	75.07	74.83	2355.2	2457.6	2491.7	2457.6
asmicro/lookup-negindex-array-2.as	iterations/second	435.56	435.27	363.52	361.37	2355.2	2457.6	2491.7	2457.6
asmicro/lookup-negindex-object-2.as	iterations/second	490.52	494.51	472.04	472.70	2355.2	2457.6	2491.7	2457.6
sunspider/as3vector/string-fasta.as	time	27.33	28.33	15.33	15.00	3652.3	3686.4	2457.6	2423.5
asmicro/array-write-C-1.as	iterations/second	61.96	62.83	62.14	61.12	2048.0	2150.4	2150.4	2116.3
sunspider/crypto-md5.as	time	10.00	10.67	11.00	10.67	2048.0	2150.4	2150.4	2116.3
sunspider-0.9.1/js/crypto-md5.as	time	7.67	7.67	8.67	8.00	2048.0	2048.0	2082.1	2048.0
sunspider/as3/crypto-aes.as	time	20.00	20.67	20.00	20.00	2048.0	2048.0	2082.1	2048.0
sunspider/crypto-aes.as	time	26.00	26.33	25.67	26.00	2048.0	2048.0	2082.1	2048.0
asmicro/lookup-array-in-1.as	iterations/second	2,026.97	1,970.03	1,962.04	2,008.33	5836.8	6041.6	6041.6	5939.2
jsmicro/lookup-array-fetch-1.as	iterations/second	761.24	766.23	610.85	622.96	5836.8	6041.6	6041.6	5939.2
mmgc/sfib.as	time	256.00	257.33	258.33	259.67	5836.8	5802.7	5939.2	5836.8
asmicro/array-shift-1.as	iterations/second	156.27	154.33	149.20	149.30	3584.0	3686.4	3754.7	3686.4
sunspider/as3/string-fasta.as	time	26.00	28.33	28.67	27.33	3754.7	3686.4	3754.7	3686.4
sunspider/s3d-raytrace.as	time	53.33	53.33	57.00	57.67	3686.4	3891.2	3754.7	3686.4
v8.5/optimized/regexp.as	v8	172.00	172.00	117.67	117.67	3584.0	3584.0	3754.7	3686.4
v8.5/typed/regexp.as	v8	172.33	172.00	117.67	118.00	3549.9	3584.0	3754.7	3686.4
sunspider/math-partial-sums.as	time	165.33	164.00	170.67	167.33	3686.4	3822.9	3720.5	3652.3
asmicro/array-sort-3.as	iterations/second	29.83	29.69	28.22	28.54	7611.7	7680.0	7953.1	7782.4
language/string/static_ascii_array_100.as	time	196.33	195.67	195.33	195.67	8157.9	8089.6	8089.6	7884.8
language/string/slice.as	time	171.00	175.67	167.00	167.33	7884.8	7953.1	7782.4	7577.6
asmicro/array-write-int-4.as	iterations/second	84.66	78.24	83.17	80.85	2286.9	2321.1	2525.9	2457.6
asmicro/array-write-int-5.as	iterations/second	84.49	77.51	82.86	77.41	2252.8	2252.8	2525.9	2457.6
sunspider/math-spectral-norm.as	time	18.00	22.00	21.00	19.00	3686.4	3686.4	3754.7	3652.3
asmicro/lookup-array-fetch-1.as	iterations/second	858.47	869.46	672.77	689.64	5836.8	6041.6	6246.4	6075.7
sunspider-0.9.1/typed/math-cordic.as	time	11.00	12.00	10.33	10.00	3686.4	3891.2	3686.4	3584.0

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
sunspider/string-fasta.as	time	61.00	62.67	50.00	56.00	2150.4	2355.2	2457.6	2389.3
asmicro/vector-write-Number-2.as	iterations/second	198.67	198.87	362.40	361.73	3208.5	3276.8	3310.9	3208.5
asmicro/vector-write-Object-1.as	iterations/second	67.13	66.01	67.17	67.15	2048.0	2150.4	2150.4	2082.1
asmicro/vector-write-Object-2.as	iterations/second	66.84	66.78	66.82	65.59	2048.0	2150.4	2150.4	2082.1
asmicro/array-write-int-2.as	iterations/second	35.02	34.24	33.65	33.74	3072.0	3106.1	3174.4	3072.0
language/e4x/usingAppendChildAndE4X.as	time	40.67	40.00	39.00	39.00	3481.6	3686.4	3822.9	3686.4
jsmicro/alloc-14.as	iterations/second	86.65	86.20	84.75	84.52	4676.3	4642.1	4505.6	4334.9
language/string/typed/replace.as	time	284.00	271.67	341.00	278.33	6178.1	5973.3	6178.1	5939.2
language/string/typed/slice.as	time	119.33	119.33	118.67	119.00	7406.9	7953.1	7884.8	7577.6
v8.5/untyped/richards.as	v8	577.33	573.67	510.33	526.33	2286.9	2355.2	2457.6	2355.2
sunspider-0.9.1/js/crypto-aes.as	time	23.00	22.33	22.67	23.33	2048.0	2150.4	2252.8	2150.4
v8.5/js/crypto.as	v8	850.00	804.00	854.33	842.67	2048.0	2150.4	2252.8	2150.4
asmicro/bytearray-read-bytes-1.as	iterations/second	20.52	20.77	20.39	20.17	2560.0	2662.4	2867.2	2730.7
jsmicro/lookup-array-in-1.as	iterations/second	1,275.06	1,254.08	1,258.74	1,278.06	5836.8	6314.7	6314.7	6007.5
sunspider-0.9.1/typed/regexp-dna.as	time	302.00	302.00	594.67	607.67	12492.8	11434.7	10274.1	9728.0
language/e4x/addingToXMLList.as	time	13.00	12.00	13.33	14.33	4027.7	4334.9	4232.5	3993.6
jsbench/typed/FFT.as	time	991.33	991.67	615.33	614.67	22562.1	21606.4	21606.4	20377.6
sunspider/as3/s3d-cube.as	time	14.00	14.00	14.33	15.00	2048.0	2150.4	2355.2	2218.7
v8/typed/deltablue.as	v8	3,679.67	3,691.67	3,621.33	3,594.33	4130.1	4471.5	4710.4	4437.3
sunspider/access-nsieve.as	time	20.67	20.00	20.00	20.67	3993.6	4437.3	4642.1	4369.1
v8.5/untyped/deltablue.as	v8	2,503.00	2,499.33	2,440.33	2,420.67	4130.1	4539.7	4642.1	4369.1
sunspider-0.9.1/typed/crypto-aes.as	time	16.00	16.33	16.00	16.00	2048.0	2150.4	2286.9	2150.4
jsmicro/array-shift-1.as	iterations/second	74.00	74.17	62.34	61.12	4676.3	4642.1	4949.3	4608.0
asmicro/bytearray-write-utf-1.as	iterations/second	55.80	55.81	53.92	53.78	2560.0	2662.4	2867.2	2662.4
asmicro/lookup-negindex-array-1.as	iterations/second	497.67	503.16	460.90	467.09	2662.4	2662.4	2867.2	2662.4
asmicro/lookup-negindex-object-1.as	iterations/second	510.99	518.47	502.00	502.00	2662.4	2662.4	2867.2	2662.4
v8.5/js/raytrace.as	v8	909.67	897.00	815.33	811.00	3310.9	3822.9	3345.1	3106.1
v8.5/optimized/deltablue.as	v8	4,315.33	4,299.00	4,208.67	4,149.67	4266.7	4539.7	4676.3	4334.9
jsbench/LUFact.as	time	4,157.67	4,044.33	3,988.67	4,025.67	64955.7	60893.9	65024.0	59869.9
v8.5/typed/deltablue.as	v8	4,373.00	4,346.00	4,225.67	4,197.33	4232.5	4676.3	4642.1	4266.7
sunspider/as3/crypto-md5.as	time	9.33	9.67	9.00	10.00	2048.0	2048.0	2355.2	2150.4
sunspider/as3vector/s3d-morph.as	time	9.33	9.67	7.67	7.67	2048.0	2048.0	2355.2	2150.4
v8/deltablue.as	v8	2,445.00	2,486.00	2,429.33	2,408.67	3959.5	4471.5	4744.5	4266.7
sunspider-0.9.1/typed/string-unpack-code.as	time	2,757.67	2,768.33	3,471.67	3,165.67	15633.1	16930.1	15803.7	14165.3
language/e4x/appendChildAndString.as	time	39.00	38.00	37.33	38.00	4096.0	4300.8	4471.5	3993.6
sunspider/access-nbody.as	time	59.33	60.33	61.67	60.00	3993.6	4642.1	4710.4	4061.9
sunspider-0.9.1/typed/string-fasta.as	time	21.67	21.00	21.00	22.67	3891.2	4608.0	4710.4	3993.6
jsbench/Series.as	time	6,258.00	6,049.33	5,910.33	5,839.33	36317.9	38502.4	39833.6	33109.3
sunspider/as3/access-nsieve.as	time	12.00	12.00	12.67	12.33	4608.0	4710.4	4915.2	3891.2

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
sunspider/math-cordic.as	time	37.33	39.00	40.00	37.33	3891.2	5290.7	5529.6	3993.6
jsbench/FFT.as	time	5,269.33	5,322.00	5,370.00	5,193.00	59835.7	80896.0	81612.8	58641.1
v8/typed/raytrace.as	v8	8,582.67	8,498.33	8,509.67	8,561.00	2969.6	3481.6	4539.7	3072.0
sunspider-0.9.1/js/s3d-morph.as	time	40.00	44.33	44.33	42.00	5427.2	8430.9	8294.4	5563.7
misc/boidshack.as	time	313.33	314.33	313.00	315.00	10854.4	16964.3	16725.3	11059.2
sunspider-0.9.1/typed/s3d-morph.as	time	31.33	36.33	34.33	31.00	5529.6	8601.6	8601.6	5563.7
sunspider-0.9.1/js/math-partial-sums.as	time	162.00	161.00	168.67	165.33	3891.2	6144.0	6314.7	3993.6
v8.5/js/earley-boyer.as	v8	1,230.00	1,275.33	1,233.33	1,192.00	11776.0	18875.7	18739.2	11776.0
v8.5/untyped/earley-boyer.as	v8	1,261.33	1,314.67	1,232.33	1,188.33	11639.5	18909.9	18739.2	11776.0
v8/typed/earley-boyer.as	v8	1,271.00	1,324.00	1,206.67	1,186.00	11639.5	18568.5	18739.2	11776.0
v8.5/js/deltablue.as	v8	429.67	433.67	370.00	362.33	4198.4	7304.5	6860.8	4300.8
v8.5/optimized/earley-boyer.as	v8	1,257.33	1,309.33	1,231.00	1,193.67	11707.7	18841.6	19080.5	11776.0
v8.5/typed/earley-boyer.as	v8	1,263.67	1,303.00	1,222.00	1,192.00	11707.7	19217.1	19148.8	11776.0
v8/earley-boyer.as	v8	1,271.67	1,317.67	1,217.67	1,194.00	11707.7	18534.4	19251.2	11776.0
sunspider/as3/date-format-tofte.as	time	137.33	126.67	133.33	137.67	3891.2	6621.9	6519.5	3891.2
sunspider/date-format-tofte.as	time	146.67	143.33	141.67	141.00	3891.2	6553.6	6724.3	3959.5
jsbench/typed/Moldyn.as	time	3,413.67	3,928.67	1,321.00	1,323.67	5017.6	32563.2	7577.6	4403.2
jsbench/SparseMatmult.as	time	7,403.33	7,526.00	7,724.00	7,306.33	37000.5	62566.4	64204.8	36147.2
sunspider-0.9.1/js/math-cordic.as	time	37.33	42.33	41.67	37.00	3959.5	7441.1	7338.7	4061.9
sunspider/s3d-cube.as	time	50.33	60.00	60.00	50.33	4266.7	7611.7	7645.9	4198.4
sunspider-0.9.1/js/access-nbody.as	time	57.00	62.67	62.67	56.67	4061.9	7543.5	7475.2	4096.0
asmicro/oop-1.as	iterations/second	5.25	5.15	4.28	4.29	4096.0	10001.1	7577.6	4096.0
jsmicro/oop-1.as	iterations/second	5.15	4.98	4.23	4.30	4096.0	8362.7	7577.6	4096.0
language/describetype/desctypeperf.as	time	479.00	452.67	452.00	478.00	3822.9	7406.9	7236.3	3686.4
sunspider-0.9.1/js/s3d-cube.as	time	46.00	44.00	44.67	45.33	4505.6	9489.1	9728.0	4539.7
jsbench/Euler.as	time	4,902.67	5,150.67	5,033.00	4,731.67	15530.7	35805.9	36249.6	15462.4
misc/boids.as	time	1,262.00	1,270.00	1,234.33	1,224.33	4403.2	12731.7	12663.5	4266.7
v8/raytrace.as	v8	3,925.67	3,662.00	3,651.67	3,856.67	4642.1	13550.9	13960.5	4608.0
v8.5/untyped/raytrace.as	v8	4,252.00	3,948.33	3,903.00	4,184.67	4642.1	13892.3	14438.4	4642.1
jsmicro/alloc-3.as	iterations/second	11.50	17.29	18.16	14.78	4505.6	37580.8	15803.7	3584.0
asmicro/alloc-3.as	iterations/second	11.90	17.50	18.51	15.03	4505.6	37546.7	16418.1	3584.0
asmicro/alloc-9.as	iterations/second	15.18	10.58	10.64	15.16	4505.6	20377.6	20855.5	4403.2
asmicro/alloc-8.as	iterations/second	15.15	10.78	10.72	15.08	4505.6	20821.3	21026.1	4403.2
jsmicro/alloc-9.as	iterations/second	14.80	10.49	10.43	14.67	4539.7	21060.3	21504.0	4437.3
jsmicro/alloc-8.as	iterations/second	14.95	10.45	10.48	14.75	4505.6	20855.5	21367.5	4403.2
scimark/LU.as	time	2,125.00	2,309.33	2,255.00	2,059.67	6212.3	31129.6	31163.7	6246.4
jsbench/typed/Euler.as	time	5,920.67	6,929.33	1,804.33	1,659.00	8635.7	32802.1	34577.1	6860.8
jsmicro/alloc-10.as	iterations/second	13.28	10.89	10.97	12.98	4505.6	23142.4	22801.1	4403.2
asmicro/alloc-10.as	iterations/second	13.54	11.11	11.09	13.35	4505.6	23278.9	23278.9	4471.5

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
scimark/SOR.as	time	1,605.00	1,863.00	1,888.33	1,578.33	6246.4	31914.7	31948.8	5836.8
jsmicro/parseFloat-1.as	iterations/second	73.22	66.87	69.04	56.59	4198.4	24473.6	26487.5	4198.4
scimark/FFT.as	time	1,446.00	1,656.67	1,651.67	1,404.33	4710.4	31129.6	31027.2	4778.7
asmicro/array-write-Number-2.as	iterations/second	19.15	15.98	15.85	19.16	4505.6	29730.1	29661.9	4505.6
jsbench/Moldyn.as	time	7,159.00	8,164.33	8,157.00	6,994.67	4915.2	31744.0	32256.0	4710.4
floatBench/dbl/numInc.as	time	5,631.00	7,389.00	7,427.67	5,428.33	4608.0	32392.5	31232.0	4505.6
floatBench/dbl/numSub.as	time	8,544.00	11,145.33	11,055.00	8,131.00	4608.0	33792.0	31334.4	4505.6
jsbench/typed/Series.as	time	4,950.00	5,660.33	5,502.67	4,751.67	4710.4	31880.5	32153.6	4608.0
asmicro/try-2.as	iterations/second	15.60	18.79	18.69	15.69	4096.0	28535.5	28603.7	4096.0
floatBench/dbl/numNeg.as	time	2,821.67	3,727.33	3,712.67	2,701.33	4608.0	31607.5	31641.6	4505.6
jsmicro/try-2.as	iterations/second	15.42	18.43	17.89	15.51	4096.0	29934.9	28842.7	4096.0
floatBench/dbl/numAdd.as	time	9,144.00	11,773.33	11,796.67	8,819.67	4608.0	34304.0	31880.5	4505.6
floatBench/dbl/numMul.as	time	8,517.67	11,134.33	11,109.33	8,111.00	4608.0	31948.8	31880.5	4505.6
asmicro/array-write-Number-1.as	iterations/second	26.44	21.43	21.33	26.81	4505.6	31232.0	31197.9	4403.2
floatBench/dbl/numDec.as	time	5,646.00	7,393.33	7,412.33	5,427.33	4608.0	31846.4	32221.9	4505.6
floatBench/dbl/numDiv.as	time	8,636.67	11,243.67	11,174.33	8,208.33	4608.0	31573.3	32426.7	4505.6
jsmicro/for-2.as	iterations/second	251.50	200.07	193.75	251.91	4403.2	31402.7	30788.3	4198.4
floatBench/dbl/numMod.as	time	1,977.33	2,116.00	2,114.33	1,995.00	4198.4	31880.5	30788.3	4096.0
jsmicro/for-3.as	iterations/second	188.25	144.90	143.04	188.04	4505.6	31334.4	33245.9	4266.7

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%

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
asmicro/arguments-1.as	(104.90)	(9%)	0.00	0%	3.66	0%	0.00	0%
asmicro/arguments-2.as	(35.84)	(5%)	0.00	0%	(1.33)	(0%)	0.00	0%
asmicro/arguments-3.as	0.27	1%	0.00	0%	0.89	4%	0.00	0%
asmicro/arguments-4.as	(0.01)	(0%)	0.00	0%	0.31	1%	0.00	0%
asmicro/array-1.as	643.36	37%	0.00	0%	(9.99)	(0%)	0.00	0%
asmicro/array-2.as	(44.00)	(5%)	0.00	0%	(48.05)	(6%)	0.00	0%
asmicro/array-foreach-func.as	(0.29)	(0%)	0.00	0%	2.52	1%	0.00	0%
asmicro/array-foreach-method-sans-types.as	(3.88)	(1%)	0.00	0%	3.22	0%	0.00	0%
asmicro/array-foreach-method-with-types.as	5.66	2%	0.00	0%	(16.46)	(4%)	0.00	0%
asmicro/array-init-1.as	11.18	2%	0.00	0%	(1.36)	(0%)	0.00	0%
asmicro/array-init-2.as	16.45	3%	0.00	0%	(0.48)	(0%)	0.00	0%
asmicro/array-init-3.as	4.25	1%	0.00	0%	(5.11)	(1%)	0.00	0%
asmicro/array-init-4.as	4.07	1%	0.00	0%	19.97	6%	0.00	0%
asmicro/array-pop-1.as	0.33	0%	(68.27)	(2%)	1.49	0%	0.00	0%
asmicro/array-push-1.as	2.71	1%	0.00	0%	(4.05)	(1%)	0.00	0%
asmicro/array-read-C-1.as	(0.35)	(0%)	0.00	0%	0.33	0%	0.00	0%
asmicro/array-read-C-2.as	(0.00)	(0%)	0.00	0%	(0.13)	(0%)	0.00	0%
asmicro/array-read-int-1.as	(0.00)	(0%)	0.00	0%	0.00	0%	0.00	0%
asmicro/array-read-int-2.as	0.06	0%	0.00	0%	(0.07)	(0%)	0.00	0%
asmicro/array-read-int-5.as	44.60	28%	0.00	0%	(0.11)	(0%)	0.00	0%
asmicro/array-read-int-6.as	44.60	28%	0.00	0%	(0.42)	(0%)	0.00	0%
asmicro/array-read-int-7.as	48.67	31%	0.00	0%	0.11	0%	0.00	0%
asmicro/array-read-length-1.as	0.03	0%	0.00	0%	(0.03)	(0%)	0.00	0%
asmicro/array-read-Number-1.as	(0.08)	(0%)	0.00	0%	(0.18)	(0%)	0.00	0%
asmicro/array-read-Number-2.as	0.02	0%	0.00	0%	(0.20)	(1%)	0.00	0%
asmicro/array-slice-1.as	1.21	4%	0.00	0%	0.56	2%	0.00	0%
asmicro/array-sort-1.as	0.43	1%	(102.40)	(3%)	(0.22)	(1%)	0.00	0%
asmicro/array-sort-4.as	0.08	1%	102.40	1%	(0.12)	(1%)	0.00	0%
asmicro/array-unshift-1.as	1.79	1%	0.00	0%	1.06	1%	0.00	0%
asmicro/array-write-int-1.as	(2.79)	(4%)	(34.13)	(2%)	(4.85)	(6%)	0.00	0%
asmicro/bytearray-read-available-1.as	10.14	6%	0.00	0%	(0.12)	(0%)	0.00	0%
asmicro/bytearray-read-bool-1.as	0.01	0%	0.00	0%	(0.01)	(0%)	0.00	0%
asmicro/bytearray-read-byte-1.as	0.19	2%	0.00	0%	0.01	0%	0.00	0%
asmicro/bytearray-read-byte-2.as	0.00	0%	0.00	0%	(0.25)	(0%)	0.00	0%
asmicro/bytearray-read-byte-3.as	0.00	0%	0.00	0%	(0.33)	(0%)	0.00	0%
asmicro/bytearray-read-bytes-2.as	(0.32)	(0%)	102.40	2%	0.68	0%	0.00	0%
asmicro/bytearray-read-double-1.as	0.19	2%	0.00	0%	(0.01)	(0%)	0.00	0%
asmicro/bytearray-read-double-2.as	0.76	7%	0.00	0%	0.00	0%	0.00	0%
asmicro/bytearray-read-float-1.as	0.40	4%	0.00	0%	(0.01)	(0%)	0.00	0%

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
asmicro/bytearray-read-float-2.as	0.60	6%	0.00	0%	(0.05)	(0%)	0.00	0%
asmicro/bytearray-read-int-1.as	0.46	4%	0.00	0%	0.00	0%	0.00	0%
asmicro/bytearray-read-int-2.as	0.24	2%	0.00	0%	0.00	0%	0.00	0%
asmicro/bytearray-read-length-1.as	0.06	0%	0.00	0%	(0.13)	(0%)	0.00	0%
asmicro/bytearray-read-position-1.as	(3.86)	(2%)	0.00	0%	0.19	0%	0.00	0%
asmicro/bytearray-read-short-1.as	(0.02)	(0%)	0.00	0%	(0.02)	(0%)	0.00	0%
asmicro/bytearray-read-short-2.as	(0.19)	(2%)	0.00	0%	(0.02)	(0%)	0.00	0%
asmicro/bytearray-read-ubyte-1.as	0.12	1%	0.00	0%	0.01	0%	0.00	0%
asmicro/bytearray-read-uint-1.as	0.39	4%	0.00	0%	(0.08)	(0%)	0.00	0%
asmicro/bytearray-read-uint-2.as	0.27	2%	0.00	0%	(0.02)	(0%)	0.00	0%
asmicro/bytearray-read-ushort-1.as	0.03	0%	0.00	0%	(0.01)	(0%)	0.00	0%
asmicro/bytearray-read-ushort-2.as	0.11	1%	0.00	0%	0.00	0%	0.00	0%
asmicro/bytearray-read-utf-1.as	(1.72)	(9%)	0.00	0%	0.28	1%	0.00	0%
asmicro/bytearray-read-utf-2.as	(0.19)	(4%)	(204.80)	(7%)	0.00	0%	0.00	0%
asmicro/bytearray-read-utfbytes-1.as	(1.05)	(6%)	0.00	0%	0.10	0%	0.00	0%
asmicro/bytearray-write-bool-1.as	(0.06)	(1%)	0.00	0%	0.18	1%	0.00	0%
asmicro/bytearray-write-byte-1.as	0.07	1%	0.00	0%	(0.01)	(0%)	0.00	0%
asmicro/bytearray-write-byte-2.as	(1.69)	(2%)	0.00	0%	0.88	1%	0.00	0%
asmicro/bytearray-write-byte-3.as	0.67	1%	0.00	0%	(2.94)	(3%)	0.00	0%
asmicro/bytearray-write-bytes-1.as	(0.66)	(2%)	(34.13)	(1%)	(0.00)	(0%)	0.00	0%
asmicro/bytearray-write-bytes-2.as	5.66	0%	68.27	2%	(3.00)	(0%)	0.00	0%
asmicro/bytearray-write-double-1.as	(0.03)	(0%)	0.00	0%	(0.10)	(1%)	0.00	0%
asmicro/bytearray-write-double-2.as	0.12	2%	0.00	0%	(0.02)	(0%)	0.00	0%
asmicro/bytearray-write-float-1.as	(0.01)	(0%)	0.00	0%	0.34	2%	0.00	0%
asmicro/bytearray-write-float-2.as	(0.06)	(1%)	0.00	0%	0.00	0%	0.00	0%
asmicro/bytearray-write-int-1.as	(0.10)	(1%)	0.00	0%	(0.01)	(0%)	0.00	0%
asmicro/bytearray-write-int-2.as	(0.01)	(0%)	0.00	0%	0.01	0%	0.00	0%
asmicro/bytearray-write-position-1.as	(0.20)	(0%)	0.00	0%	0.07	0%	0.00	0%
asmicro/bytearray-write-short-1.as	(0.03)	(0%)	0.00	0%	0.00	0%	0.00	0%
asmicro/bytearray-write-short-2.as	0.02	0%	0.00	0%	(0.02)	(0%)	0.00	0%
asmicro/bytearray-write-uint-1.as	(0.10)	(1%)	0.00	0%	0.00	0%	0.00	0%
asmicro/bytearray-write-uint-2.as	(0.01)	(0%)	0.00	0%	0.00	0%	0.00	0%
asmicro/bytearray-write-utf-2.as	(0.06)	(0%)	170.67	3%	0.23	1%	0.00	0%
asmicro/closedvar-read-1.as	(4.66)	(0%)	0.00	0%	(0.33)	(0%)	0.00	0%
asmicro/closedvar-write-1.as	(2.33)	(0%)	0.00	0%	0.33	0%	0.00	0%
asmicro/closedvar-write-2.as	(2.33)	(0%)	0.00	0%	0.00	0%	0.00	0%
asmicro/do-1.as	(1.00)	(0%)	0.00	0%	(2.00)	(0%)	0.00	0%
asmicro/for-1.as	(3.33)	(0%)	0.00	0%	(0.33)	(0%)	0.00	0%
asmicro/for-2.as	0.33	0%	0.00	0%	(2.00)	(0%)	0.00	0%

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
asmicro/for-3.as	(2.00)	(0%)	0.00	0%	(1.00)	(0%)	0.00	0%
asmicro/for-in-1.as	0.00	0%	0.00	0%	2.16	0%	0.00	0%
asmicro/for-in-2.as	(0.20)	(0%)	0.00	0%	4.50	1%	0.00	0%
asmicro/funcall-1.as	0.00	0%	0.00	0%	(0.16)	(0%)	0.00	0%
asmicro/funcall-2.as	0.34	0%	0.00	0%	(0.07)	(0%)	0.00	0%
asmicro/funcall-3.as	(0.29)	(0%)	0.00	0%	2.66	1%	0.00	0%
asmicro/funcall-4.as	1.66	1%	(136.53)	(6%)	(5.61)	(4%)	0.00	0%
asmicro/globalvar-read-1.as	(2.33)	(0%)	0.00	0%	(27.64)	(1%)	0.00	0%
asmicro/globalvar-write-1.as	(0.33)	(0%)	0.00	0%	(1.00)	(0%)	0.00	0%
asmicro/isNaN-1.as	0.67	0%	0.00	0%	1.00	0%	0.00	0%
asmicro/isNaN-2.as	1.00	0%	0.00	0%	(1.33)	(0%)	0.00	0%
asmicro/isNaN-3.as	2.00	0%	0.00	0%	(1.33)	(0%)	0.00	0%
asmicro/lookup-object-fetch-1.as	(18.98)	(2%)	(102.40)	(1%)	0.46	0%	0.00	0%
asmicro/lookup-object-in-1.as	(44.62)	(3%)	(102.40)	(1%)	31.30	2%	0.00	0%
asmicro/number-toString-1.as	(0.18)	(2%)	0.00	0%	0.06	1%	0.00	0%
asmicro/number-toString-2.as	0.36	0%	0.00	0%	(0.13)	(0%)	0.00	0%
asmicro/object-read-length-1.as	0.00	0%	0.00	0%	0.00	0%	0.00	0%
asmicro/parseFloat-1.as	0.10	0%	0.00	0%	(0.55)	(0%)	0.00	0%
asmicro/parseInt-1.as	0.00	0%	0.00	0%	(1.75)	(1%)	0.00	0%
asmicro/regex-exec-1.as	(5.17)	(6%)	0.00	0%	(1.88)	(2%)	0.00	0%
asmicro/regex-exec-2.as	(5.89)	(5%)	0.00	0%	(2.65)	(3%)	0.00	0%
asmicro/regex-exec-3.as	(1.84)	(1%)	0.00	0%	(3.90)	(3%)	0.00	0%
asmicro/regex-exec-4.as	(8.51)	(2%)	0.00	0%	(10.65)	(3%)	0.00	0%
asmicro/restarg-1.as	(104.56)	(9%)	0.00	0%	2.33	0%	0.00	0%
asmicro/restarg-2.as	(35.92)	(5%)	0.00	0%	1.66	0%	0.00	0%
asmicro/restarg-3.as	1.19	2%	0.00	0%	0.14	0%	0.00	0%
asmicro/restarg-4.as	0.13	0%	0.00	0%	0.48	1%	0.00	0%
asmicro/string-casechange-1.as	0.36	1%	0.00	0%	(2.03)	(6%)	0.00	0%
asmicro/string-casechange-2.as	0.11	0%	0.00	0%	(1.98)	(5%)	0.00	0%
asmicro/string-charAt-1.as	(0.33)	(0%)	0.00	0%	(1.00)	(0%)	0.00	0%
asmicro/string-charAt-2.as	(0.04)	(0%)	0.00	0%	(0.20)	(0%)	0.00	0%
asmicro/string-charCodeAt-1.as	2.33	0%	0.00	0%	(1.67)	(0%)	0.00	0%
asmicro/string-charCodeAt-2.as	(0.33)	(0%)	0.00	0%	2.00	0%	0.00	0%
asmicro/string-charCodeAt-3.as	0.00	0%	0.00	0%	(4.66)	(0%)	0.00	0%
asmicro/string-charCodeAt-4.as	(2.00)	(0%)	0.00	0%	0.00	0%	0.00	0%
asmicro/string-charCodeAt-5.as	(0.33)	(0%)	0.00	0%	112.22	9%	0.00	0%
asmicro/string-charCodeAt-6.as	1.00	0%	0.00	0%	(0.67)	(0%)	0.00	0%
asmicro/string-charCodeAt-7.as	1.00	0%	0.00	0%	1.67	0%	0.00	0%
asmicro/string-fromCharCode-1.as	0.21	0%	0.00	0%	(30.03)	(7%)	0.00	0%

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
asmicro/string-fromCharCode-2.as	0.51	1%	0.00	0%	(1.27)	(2%)	0.00	0%
asmicro/string-indexOf-1.as	0.31	0%	0.00	0%	(161.28)	(46%)	0.00	0%
asmicro/string-indexOf-2.as	1.91	1%	0.00	0%	(27.97)	(17%)	0.00	0%
asmicro/string-indexOf-3.as	(0.00)	(0%)	0.00	0%	0.85	1%	0.00	0%
asmicro/string-lastIndexOf-1.as	0.33	0%	0.00	0%	(0.60)	(0%)	0.00	0%
asmicro/string-lastIndexOf-2.as	(0.56)	(0%)	0.00	0%	49.53	36%	0.00	0%
asmicro/string-lastIndexOf-3.as	0.93	1%	0.00	0%	48.30	33%	0.00	0%
asmicro/string-slice-1.as	(0.59)	(0%)	0.00	0%	(0.17)	(0%)	0.00	0%
asmicro/string-split-1.as	0.08	1%	0.00	0%	(0.00)	(0%)	0.00	0%
asmicro/string-split-2.as	0.13	1%	0.00	0%	(0.02)	(0%)	0.00	0%
asmicro/string-substring-1.as	(0.51)	(0%)	0.00	0%	(0.31)	(0%)	0.00	0%
asmicro/switch-1.as	(0.36)	(0%)	0.00	0%	0.33	0%	0.00	0%
asmicro/switch-2.as	0.00	0%	0.00	0%	1.29	1%	0.00	0%
asmicro/switch-3.as	0.20	0%	0.00	0%	(0.30)	(0%)	0.00	0%
asmicro/try-1.as	(0.24)	(0%)	0.00	0%	(1.45)	(0%)	0.00	0%
asmicro/try-3.as	(0.12)	(0%)	0.00	0%	(0.32)	(0%)	0.00	0%
asmicro/vector-init-1.as	0.22	0%	0.00	0%	0.33	0%	0.00	0%
asmicro/vector-init-2.as	(3.61)	(1%)	0.00	0%	0.73	0%	0.00	0%
asmicro/vector-init-3.as	1.25	1%	0.00	0%	(3.28)	(2%)	0.00	0%
asmicro/vector-init-4.as	(3.99)	(2%)	0.00	0%	(0.96)	(1%)	0.00	0%
asmicro/vector-nested-read-Number-1.as	(0.00)	(0%)	0.00	0%	0.24	0%	0.00	0%
asmicro/vector-nested-read-Number-2.as	(0.03)	(0%)	0.00	0%	(0.18)	(0%)	0.00	0%
asmicro/vector-push-1.as	(0.76)	(1%)	0.00	0%	(0.97)	(1%)	0.00	0%
asmicro/vector-read-C-1.as	0.00	0%	0.00	0%	(0.44)	(0%)	0.00	0%
asmicro/vector-read-C-2.as	0.00	0%	0.00	0%	(0.45)	(0%)	0.00	0%
asmicro/vector-read-char-1.as	(0.13)	(0%)	0.00	0%	(0.21)	(0%)	0.00	0%
asmicro/vector-read-char-2.as	0.00	0%	0.00	0%	0.00	0%	0.00	0%
asmicro/vector-read-int-1.as	(0.09)	(0%)	0.00	0%	(0.33)	(0%)	0.00	0%
asmicro/vector-read-int-2.as	(0.52)	(0%)	0.00	0%	0.25	0%	0.00	0%
asmicro/vector-read-int-3.as	0.14	0%	0.00	0%	(0.33)	(0%)	0.00	0%
asmicro/vector-read-int-4.as	(0.05)	(0%)	0.00	0%	(0.41)	(0%)	0.00	0%
asmicro/vector-read-int-5.as	(0.07)	(0%)	0.00	0%	(0.13)	(0%)	0.00	0%
asmicro/vector-read-int-6.as	(0.07)	(0%)	0.00	0%	(0.20)	(0%)	0.00	0%
asmicro/vector-read-int-7.as	0.21	0%	0.00	0%	0.00	0%	0.00	0%
asmicro/vector-read-length-1.as	(0.05)	(0%)	0.00	0%	(0.33)	(0%)	0.00	0%
asmicro/vector-read-Number-1.as	1.09	0%	0.00	0%	0.33	0%	0.00	0%
asmicro/vector-read-Number-2.as	(0.27)	(0%)	0.00	0%	(0.76)	(0%)	0.00	0%
asmicro/vector-read-uint-1.as	(0.09)	(0%)	0.00	0%	(0.08)	(0%)	0.00	0%
asmicro/vector-read-uint-2.as	0.09	0%	0.00	0%	(0.67)	(0%)	0.00	0%

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
asmicro/vector-read-uint-3.as	(0.66)	(0%)	0.00	0%	0.00	0%	0.00	0%
asmicro/vector-read-uint-4.as	(0.39)	(0%)	0.00	0%	(0.33)	(0%)	0.00	0%
asmicro/vector-write-Boolean-1.as	(7.95)	(9%)	(68.27)	(3%)	0.00	0%	0.00	0%
asmicro/vector-write-C-1.as	(1.02)	(2%)	(102.40)	(5%)	(3.39)	(3%)	0.00	0%
asmicro/vector-write-int-1.as	0.06	0%	(34.13)	(1%)	0.37	0%	0.00	0%
asmicro/vector-write-int-2.as	(0.13)	(0%)	(102.40)	(4%)	0.00	0%	0.00	0%
asmicro/vector-write-int-3.as	(0.05)	(0%)	(34.13)	(1%)	(0.22)	(0%)	0.00	0%
asmicro/vector-write-int-4.as	0.00	0%	(204.80)	(10%)	0.00	0%	0.00	0%
asmicro/vector-write-int-5.as	0.00	0%	(204.80)	(10%)	(0.11)	(0%)	0.00	0%
asmicro/vector-write-uint-1.as	(0.06)	(0%)	(102.40)	(4%)	(0.12)	(0%)	0.00	0%
asmicro/vector-write-uint-2.as	(0.13)	(0%)	(68.27)	(3%)	0.24	0%	0.00	0%
asmicro/while-1.as	(0.33)	(0%)	0.00	0%	(5.66)	(0%)	0.00	0%
floatBench/dbl/dblAdd.as	0.00	0%	0.00	0%	0.33	0%	0.00	0%
floatBench/dbl/dblDec.as	0.67	0%	0.00	0%	(1.00)	(0%)	0.00	0%
floatBench/dbl/dblDiv.as	(0.33)	(0%)	0.00	0%	(0.33)	(0%)	0.00	0%
floatBench/dbl/dblInc.as	0.33	0%	0.00	0%	(0.67)	(0%)	0.00	0%
floatBench/dbl/dblMod.as	0.00	0%	0.00	0%	(0.33)	(0%)	0.00	0%
floatBench/dbl/dblMul.as	(0.33)	(0%)	0.00	0%	0.33	0%	0.00	0%
floatBench/dbl/dblNeg.as	(11.00)	(5%)	0.00	0%	(1.67)	(1%)	0.00	0%
floatBench/dbl/dblSub.as	0.33	0%	0.00	0%	(0.33)	(0%)	0.00	0%
floatBench/NumRayTracer.as	(8.93)	(1%)	0.00	0%	(5.93)	(1%)	0.00	0%
jsbench/typed/Crypt.as	0.67	0%	0.00	0%	(0.33)	(0%)	0.00	0%
jsbench/typed/HeapSort.as	0.67	0%	0.00	0%	1.00	0%	0.00	0%
jsbench/typed/LUFact.as	(27.33)	(3%)	(10274.13)	(102%)	(1.00)	(0%)	0.00	0%
jsbench/typed/SOR.as	(8.00)	(0%)	(3208.53)	(12%)	0.67	0%	0.00	0%
jsmicro/alloc-1.as	0.06	0%	0.00	0%	(0.62)	(1%)	0.00	0%
jsmicro/alloc-11.as	0.14	1%	0.00	0%	0.11	1%	0.00	0%
jsmicro/alloc-12.as	0.06	0%	0.00	0%	(0.04)	(0%)	0.00	0%
jsmicro/alloc-13.as	(0.16)	(0%)	0.00	0%	(0.89)	(1%)	0.00	0%
jsmicro/alloc-2.as	(1.09)	(4%)	0.00	0%	(0.03)	(0%)	0.00	0%
jsmicro/alloc-4.as	1.08	2%	0.00	0%	(0.17)	(0%)	0.00	0%
jsmicro/alloc-5.as	0.73	2%	0.00	0%	1.53	4%	0.00	0%
jsmicro/alloc-6.as	(0.80)	(1%)	0.00	0%	(2.30)	(3%)	0.00	0%
jsmicro/alloc-7.as	(0.42)	(1%)	0.00	0%	(0.28)	(1%)	0.00	0%
jsmicro/arguments-1.as	0.21	0%	0.00	0%	0.45	0%	0.00	0%
jsmicro/arguments-2.as	0.00	0%	0.00	0%	(3.99)	(3%)	0.00	0%
jsmicro/arguments-3.as	0.04	0%	0.00	0%	0.17	1%	0.00	0%
jsmicro/array-1.as	(0.17)	(0%)	0.00	0%	(32.45)	(6%)	0.00	0%
jsmicro/array-2.as	(16.48)	(4%)	0.00	0%	(31.39)	(8%)	0.00	0%

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
jsmicro/array-push-1.as	(0.05)	(0%)	0.00	0%	0.04	0%	0.00	0%
jsmicro/array-slice-1.as	0.82	3%	0.00	0%	0.29	1%	0.00	0%
jsmicro/array-sort-2.as	0.01	0%	(68.27)	(2%)	0.00	0%	0.00	0%
jsmicro/array-sort-3.as	(0.02)	(0%)	68.27	1%	0.17	1%	0.00	0%
jsmicro/array-unshift-1.as	3.19	12%	0.00	0%	0.26	1%	0.00	0%
jsmicro/closedvar-read-1.as	(0.06)	(0%)	0.00	0%	(155.19)	(20%)	0.00	0%
jsmicro/closedvar-write-1.as	(30.90)	(5%)	0.00	0%	(28.96)	(5%)	0.00	0%
jsmicro/closedvar-write-2.as	(30.34)	(5%)	0.00	0%	(68.23)	(12%)	0.00	0%
jsmicro/do-1.as	0.11	0%	0.00	0%	(163.17)	(20%)	0.00	0%
jsmicro/for-1.as	0.33	0%	0.00	0%	(182.25)	(22%)	0.00	0%
jsmicro/for-in-1.as	0.12	0%	0.00	0%	(4.77)	(1%)	0.00	0%
jsmicro/for-in-2.as	0.21	0%	0.00	0%	(64.23)	(17%)	0.00	0%
jsmicro/funcall-1.as	0.11	0%	0.00	0%	(16.74)	(5%)	0.00	0%
jsmicro/funcall-2.as	(0.09)	(0%)	0.00	0%	(14.28)	(5%)	0.00	0%
jsmicro/funcall-3.as	0.00	0%	0.00	0%	(18.71)	(6%)	0.00	0%
jsmicro/funcall-4.as	0.00	0%	0.00	0%	(9.32)	(0%)	0.00	0%
jsmicro/globalvar-read-1.as	0.27	0%	0.00	0%	(155.55)	(20%)	0.00	0%
jsmicro/globalvar-write-1.as	(30.81)	(5%)	0.00	0%	(85.71)	(15%)	0.00	0%
jsmicro/isNaN-1.as	0.00	0%	0.00	0%	(58.04)	(10%)	0.00	0%
jsmicro/lookup-object-fetch-1.as	(12.25)	(1%)	(102.40)	(1%)	(11.41)	(2%)	0.00	0%
jsmicro/lookup-object-in-1.as	(13.32)	(1%)	(102.40)	(1%)	18.32	2%	0.00	0%
jsmicro/number-toString-1.as	(0.02)	(0%)	0.00	0%	0.15	2%	0.00	0%
jsmicro/number-toString-2.as	0.11	0%	0.00	0%	(1.71)	(2%)	0.00	0%
jsmicro/parseln-1.as	0.00	0%	0.00	0%	(16.92)	(10%)	0.00	0%
jsmicro/regex-exec-1.as	(5.11)	(6%)	0.00	0%	(0.99)	(1%)	0.00	0%
jsmicro/regex-exec-2.as	(4.93)	(5%)	0.00	0%	(2.79)	(3%)	0.00	0%
jsmicro/regex-exec-3.as	(0.09)	(0%)	0.00	0%	(4.10)	(3%)	0.00	0%
jsmicro/regex-exec-4.as	(8.86)	(2%)	0.00	0%	(5.76)	(2%)	0.00	0%
jsmicro/string-casechange-1.as	0.41	2%	0.00	0%	0.15	1%	0.00	0%
jsmicro/string-casechange-2.as	0.36	1%	0.00	0%	0.00	0%	0.00	0%
jsmicro/string-charAt-1.as	(0.80)	(1%)	0.00	0%	(2.16)	(2%)	0.00	0%
jsmicro/string-charAt-2.as	0.35	1%	0.00	0%	(0.61)	(1%)	0.00	0%
jsmicro/string-charCodeAt-1.as	(2.58)	(2%)	0.00	0%	(3.73)	(3%)	0.00	0%
jsmicro/string-charCodeAt-2.as	0.55	0%	0.00	0%	(2.86)	(2%)	0.00	0%
jsmicro/string-fromCharCode-1.as	1.84	2%	0.00	0%	(3.59)	(3%)	0.00	0%
jsmicro/string-fromCharCode-2.as	0.21	0%	0.00	0%	(0.96)	(2%)	0.00	0%
jsmicro/string-fromCharCode-3.as	1.61	2%	0.00	0%	(1.50)	(2%)	0.00	0%
jsmicro/string-fromCharCode-4.as	0.13	0%	0.00	0%	(0.90)	(1%)	0.00	0%
jsmicro/string-indexOf-1.as	(2.20)	(2%)	0.00	0%	(15.67)	(14%)	0.00	0%

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
jsmicro/string-indexOf-2.as	(1.00)	(1%)	0.00	0%	(14.15)	(19%)	0.00	0%
jsmicro/string-indexOf-3.as	(1.89)	(3%)	0.00	0%	(3.99)	(6%)	0.00	0%
jsmicro/string-lastIndexOf-1.as	(2.56)	(2%)	0.00	0%	(1.73)	(2%)	0.00	0%
jsmicro/string-lastIndexOf-2.as	(1.06)	(1%)	0.00	0%	7.84	12%	0.00	0%
jsmicro/string-lastIndexOf-3.as	(1.43)	(2%)	0.00	0%	8.90	13%	0.00	0%
jsmicro/string-slice-1.as	(0.76)	(1%)	0.00	0%	0.16	0%	0.00	0%
jsmicro/string-split-1.as	(0.10)	(1%)	0.00	0%	(0.05)	(0%)	0.00	0%
jsmicro/string-split-2.as	(0.03)	(0%)	0.00	0%	(0.05)	(1%)	0.00	0%
jsmicro/string-substring-1.as	(0.36)	(0%)	0.00	0%	(0.65)	(1%)	0.00	0%
jsmicro/switch-1.as	(0.13)	(0%)	0.00	0%	(5.22)	(4%)	0.00	0%
jsmicro/switch-2.as	(0.05)	(0%)	0.00	0%	(1.81)	(2%)	0.00	0%
jsmicro/switch-3.as	(0.03)	(0%)	0.00	0%	(2.28)	(2%)	0.00	0%
jsmicro/try-1.as	0.00	0%	0.00	0%	(9.57)	(4%)	0.00	0%
jsmicro/try-3.as	0.36	1%	0.00	0%	(0.43)	(1%)	0.00	0%
jsmicro/while-1.as	0.27	0%	0.00	0%	(182.37)	(22%)	0.00	0%
language/string/append_plus_equal.as	(0.33)	(1%)	(102.40)	(0%)	0.33	1%	0.00	0%
language/string/charAt.as	(3.33)	(3%)	34.13	0%	(2.67)	(3%)	0.00	0%
language/string/charCodeAt.as	(2.00)	(2%)	102.40	1%	(4.00)	(3%)	0.00	0%
language/string/indexOf.as	0.00	0%	0.00	0%	(0.67)	(0%)	0.00	0%
language/string/lastIndexOf.as	1.00	1%	0.00	0%	7.33	4%	0.00	0%
language/string/replace2.as	28.33	5%	(204.80)	(10%)	(10.67)	(2%)	0.00	0%
language/string/search.as	0.00	0%	0.00	0%	0.00	0%	0.00	0%
language/string/split.as	0.00	0%	0.00	0%	5.33	2%	0.00	0%
language/string/substring.as	(2.67)	(2%)	(204.80)	(4%)	(0.33)	(0%)	0.00	0%
language/string/typed/append_plus_equal.as	0.00	0%	(1877.33)	(7%)	0.33	1%	0.00	0%
language/string/typed/charAt.as	(0.67)	(7%)	68.27	0%	0.00	0%	0.00	0%
language/string/typed/charCodeAt.as	0.00	0%	68.27	0%	0.00	0%	0.00	0%
language/string/typed/indexOf.as	(0.33)	(0%)	34.13	0%	(0.33)	(0%)	0.00	0%
language/string/typed/lastIndexOf.as	0.67	0%	0.00	0%	7.33	4%	0.00	0%
language/string/typed/replace2.as	25.33	4%	(204.80)	(10%)	(9.33)	(1%)	0.00	0%
language/string/typed/substring.as	(0.67)	(1%)	(68.27)	(1%)	0.00	0%	0.00	0%
misc/primes.as	(1.00)	(0%)	0.00	0%	0.00	0%	0.00	0%
misc/SHA256-array.as	4.66	0%	0.00	0%	0.00	0%	0.00	0%
misc/SHA256-vector.as	18.32	1%	(68.27)	(3%)	(0.67)	(0%)	0.00	0%
misc/vector-to-bytearray-be.as	(0.13)	(0%)	0.00	0%	(0.33)	(0%)	0.00	0%
misc/vector-to-bytearray-le.as	(0.12)	(0%)	0.00	0%	(0.33)	(0%)	0.00	0%
misc/vector-to-bytearray-worst.as	0.10	0%	0.00	0%	0.00	0%	0.00	0%
mmgc/gcbench.as	(5.33)	(0%)	0.00	0%	(7.67)	(0%)	0.00	0%
mmgc/ofib-rc.as	1.00	0%	0.00	0%	(4.00)	(2%)	0.00	0%

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
scimark/MonteCarlo.as	16.33	1%	0.00	0%	(48.33)	(4%)	0.00	0%
sunspider-0.9.1/js/access-binary-trees.as	0.33	1%	0.00	0%	(0.33)	(1%)	0.00	0%
sunspider-0.9.1/js/access-fannkuch.as	(1.33)	(3%)	0.00	0%	(1.33)	(3%)	0.00	0%
sunspider-0.9.1/js/bitops-3bit-bits-in-byte.as	0.33	6%	0.00	0%	(0.67)	(13%)	0.00	0%
sunspider-0.9.1/js/bitops-bits-in-byte.as	(0.67)	(4%)	0.00	0%	0.33	2%	0.00	0%
sunspider-0.9.1/js/bitops-bitwise-and.as	2.00	1%	0.00	0%	(0.33)	(0%)	0.00	0%
sunspider-0.9.1/js/bitops-nsieve-bits.as	0.33	2%	0.00	0%	(1.00)	(5%)	0.00	0%
sunspider-0.9.1/js/controlflow-recursive.as	0.33	3%	0.00	0%	(0.33)	(3%)	0.00	0%
sunspider-0.9.1/js/crypto-sha1.as	0.67	8%	0.00	0%	0.00	0%	0.00	0%
sunspider-0.9.1/js/math-spectral-norm.as	2.00	11%	(102.40)	(3%)	(1.33)	(8%)	0.00	0%
sunspider-0.9.1/js/string-fasta.as	(0.33)	(1%)	(204.80)	(8%)	(2.00)	(5%)	0.00	0%
sunspider-0.9.1/js/string-validate-input.as	(0.67)	(2%)	(307.20)	(9%)	0.33	1%	0.00	0%
sunspider-0.9.1/typed/access-binary-trees.as	(0.67)	(13%)	0.00	0%	1.00	17%	0.00	0%
sunspider-0.9.1/typed/access-fannkuch.as	0.00	0%	0.00	0%	0.33	1%	0.00	0%
sunspider-0.9.1/typed/access-nbody.as	0.00	0%	0.00	0%	(0.33)	(20%)	0.00	0%
sunspider-0.9.1/typed/bitops-3bit-bits-in-byte.as	0.00	0%	0.00	0%	0.00	0%	0.00	0%
sunspider-0.9.1/typed/bitops-bits-in-byte.as	0.00	0%	0.00	0%	(0.67)	(11%)	0.00	0%
sunspider-0.9.1/typed/bitops-bitwise-and.as	0.00	0%	0.00	0%	(0.33)	(25%)	0.00	0%
sunspider-0.9.1/typed/bitops-nsieve-bits.as	0.00	0%	0.00	0%	0.00	0%	0.00	0%
sunspider-0.9.1/typed/controlflow-recursive.as	0.33	13%	0.00	0%	0.00	0%	0.00	0%
sunspider-0.9.1/typed/crypto-md5.as	0.00	0%	0.00	0%	(0.33)	(14%)	0.00	0%
sunspider-0.9.1/typed/crypto-sha1.as	0.00	0%	0.00	0%	(1.00)	(50%)	0.00	0%
sunspider-0.9.1/typed/math-partial-sums.as	0.00	0%	0.00	0%	1.00	14%	0.00	0%
sunspider-0.9.1/typed/math-spectral-norm.as	(0.33)	(7%)	0.00	0%	0.33	7%	0.00	0%
sunspider-0.9.1/typed/s3d-cube.as	0.00	0%	(68.27)	(3%)	(0.67)	(6%)	0.00	0%
sunspider-0.9.1/typed/string-validate-input.as	(0.33)	(2%)	(307.20)	(9%)	(0.33)	(2%)	0.00	0%
sunspider/access-binary-trees.as	(0.67)	(3%)	0.00	0%	0.00	0%	0.00	0%
sunspider/access-fannkuch.as	(0.33)	(1%)	0.00	0%	1.00	2%	0.00	0%
sunspider/as3/access-binary-trees.as	0.00	0%	0.00	0%	0.33	5%	0.00	0%
sunspider/as3/access-fannkuch.as	(0.33)	(1%)	0.00	0%	(0.33)	(1%)	0.00	0%
sunspider/as3/access-nbody.as	0.67	17%	0.00	0%	(0.33)	(9%)	0.00	0%
sunspider/as3/bitops-3bit-bits-in-byte.as	(0.33)	(10%)	0.00	0%	0.00	0%	0.00	0%
sunspider/as3/bitops-bits-in-byte.as	0.00	0%	0.00	0%	0.00	0%	0.00	0%
sunspider/as3/bitops-bitwise-and.as	0.00	0%	0.00	0%	0.33	17%	0.00	0%
sunspider/as3/bitops-nsieve-bits.as	1.33	10%	0.00	0%	0.00	0%	0.00	0%
sunspider/as3/controlflow-recursive.as	0.00	0%	0.00	0%	0.67	22%	0.00	0%
sunspider/as3/crypto-sha1.as	0.00	0%	0.00	0%	0.00	0%	0.00	0%
sunspider/as3/math-cordic.as	(1.00)	(9%)	(204.80)	(6%)	(0.67)	(7%)	0.00	0%
sunspider/as3/math-spectral-norm.as	0.67	17%	0.00	0%	(0.33)	(10%)	0.00	0%

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
sunspider/as3/s3d-raytrace.as	0.33	2%	0.00	0%	0.00	0%	0.00	0%
sunspider/as3/string-validate-input.as	(0.33)	(1%)	(204.80)	(6%)	(1.00)	(4%)	0.00	0%
sunspider/as3vector/access-fannkuch.as	0.33	2%	0.00	0%	0.00	0%	0.00	0%
sunspider/as3vector/access-nbody.as	0.00	0%	0.00	0%	(0.33)	(12%)	0.00	0%
sunspider/as3vector/access-nsieve.as	0.00	0%	0.00	0%	0.33	4%	0.00	0%
sunspider/as3vector/bitops-nsieve-bits.as	0.00	0%	0.00	0%	0.00	0%	0.00	0%
sunspider/as3vector/math-cordic.as	(0.33)	(4%)	0.00	0%	0.00	0%	0.00	0%
sunspider/as3vector/math-spectral-norm.as	0.33	3%	0.00	0%	0.00	0%	0.00	0%
sunspider/as3vector/s3d-cube.as	(0.67)	(3%)	0.00	0%	(0.67)	(4%)	0.00	0%
sunspider/bitops-3bit-bits-in-byte.as	(0.67)	(11%)	0.00	0%	0.67	10%	0.00	0%
sunspider/bitops-bits-in-byte.as	0.00	0%	0.00	0%	(2.00)	(11%)	0.00	0%
sunspider/bitops-bitwise-and.as	1.00	1%	0.00	0%	(2.33)	(1%)	0.00	0%
sunspider/bitops-nsieve-bits.as	(0.33)	(2%)	0.00	0%	(0.33)	(2%)	0.00	0%
sunspider/controlflow-recursive.as	(1.00)	(10%)	0.00	0%	(0.67)	(7%)	0.00	0%
sunspider/crypto-sha1.as	(0.67)	(8%)	0.00	0%	0.67	7%	0.00	0%
sunspider/string-unpack-code.as	4.33	4%	(102.40)	(3%)	1.33	1%	0.00	0%
sunspider/string-validate-input.as	(1.00)	(3%)	(307.20)	(9%)	(0.67)	(2%)	0.00	0%
v8.5/js/regexp.as	(1.00)	(1%)	0.00	0%	(0.67)	(1%)	0.00	0%
v8.5/js/richards.as	(3.33)	(1%)	(34.13)	(1%)	0.33	0%	0.00	0%
v8.5/js/splay.as	158.33	14%	0.00	0%	0.33	0%	0.00	0%
v8.5/optimized/crypto.as	68.33	1%	(68.27)	(3%)	(31.33)	(0%)	0.00	0%
v8.5/optimized/richards.as	16.67	0%	(170.67)	(5%)	39.67	1%	0.00	0%
v8.5/optimized/splay.as	(8.67)	(0%)	(1160.53)	(1%)	(19.67)	(0%)	0.00	0%
v8.5/typed/crypto.as	(6.33)	(0%)	(102.40)	(4%)	(6.33)	(0%)	0.00	0%
v8.5/typed/raytrace.as	(82.67)	(1%)	(34.13)	(2%)	(82.67)	(1%)	0.00	0%
v8.5/typed/richards.as	0.00	0%	(34.13)	(1%)	29.33	1%	0.00	0%
v8.5/typed/splay.as	14.67	1%	0.00	0%	8.33	1%	0.00	0%
v8.5/untyped/crypto.as	(10.00)	(1%)	(102.40)	(5%)	82.00	9%	0.00	0%
v8.5/untyped/splay.as	20.67	1%	(68.27)	(0%)	18.33	1%	0.00	0%
v8/richards.as	29.33	2%	(34.13)	(1%)	(2.00)	(0%)	0.00	0%
v8/typed/richards.as	(73.33)	(3%)	(68.27)	(2%)	(9.33)	(0%)	0.00	0%
language/string/append_equal_plus.as	0.67	1%	375.47	1%	0.33	1%	34.13	0%
language/string/typed/append_concat.as	(0.33)	(1%)	(1126.40)	(4%)	(0.33)	(1%)	68.27	0%
language/string/typed/split.as	1.00	0%	0.00	0%	6.67	2%	341.33	0%
asmicro/bytearray-write-utfbytes-2.as	0.02	0%	136.53	2%	0.05	0%	34.13	1%
misc/gameoflife.as	(2.33)	(0%)	68.27	1%	3.00	0%	34.13	1%
jsmicro/array-sort-4.as	0.09	1%	(204.80)	(2%)	(0.22)	(1%)	68.27	1%
misc/bytearray-to-vector-worst.as	4.53	1%	102.40	3%	(0.61)	(0%)	34.13	1%
jsbench/HeapSort.as	(7.00)	(0%)	0.00	0%	(2.33)	(0%)	102.40	1%

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
misc/bytearray-to-vector-le.as	5.87	2%	102.40	3%	(2.00)	(0%)	34.13	1%
sunspider/as3/string-unpack-code.as	5.67	6%	(34.13)	(1%)	(0.67)	(1%)	34.13	1%
scimark/SparseCompRow.as	(1.33)	(2%)	(238.93)	(7%)	(0.33)	(1%)	34.13	1%
v8.5/untyped/regexp.as	(1.00)	(1%)	(68.27)	(2%)	(0.67)	(1%)	34.13	1%
language/string/static_ascii_array_50.as	1.33	1%	136.53	2%	(0.67)	(0%)	68.27	1%
language/string/typed/search.as	(0.33)	(1%)	0.00	0%	0.00	0%	34.13	1%
asmicro/vector-write-Number-1.as	0.40	0%	(34.13)	(1%)	0.00	0%	34.13	1%
v8/typed/crypto.as	(1.67)	(0%)	(34.13)	(1%)	(92.00)	(9%)	34.13	1%
asmicro/array-write-C-2.as	(0.07)	(0%)	(68.27)	(2%)	(0.28)	(1%)	34.13	1%
jsbench/typed/SparseMatmult.as	(4.33)	(0%)	(102.40)	(1%)	(7.33)	(1%)	102.40	1%
jsmicro/array-sort-1.as	0.24	1%	(512.00)	(11%)	0.07	0%	68.27	1%
sunspider/as3/math-partial-sums.as	(0.33)	(1%)	(34.13)	(1%)	(0.33)	(1%)	34.13	1%
asmicro/array-write-int-3.as	(6.34)	(7%)	(68.27)	(3%)	(4.67)	(6%)	34.13	1%
asmicro/bytearray-write-utfbytes-1.as	1.17	2%	(102.40)	(4%)	(0.24)	(0%)	34.13	1%
asmicro/lookup-negindex-array-2.as	(0.29)	(0%)	(102.40)	(4%)	(2.15)	(1%)	34.13	1%
asmicro/lookup-negindex-object-2.as	3.99	1%	(102.40)	(4%)	0.67	0%	34.13	1%
sunspider/as3vector/string-fasta.as	(1.00)	(4%)	(34.13)	(1%)	0.33	2%	34.13	1%
asmicro/array-write-C-1.as	0.87	1%	(102.40)	(5%)	(1.02)	(2%)	34.13	2%
sunspider/crypto-md5.as	(0.67)	(7%)	(102.40)	(5%)	0.33	3%	34.13	2%
sunspider-0.9.1/js/crypto-md5.as	0.00	0%	0.00	0%	0.67	8%	34.13	2%
sunspider/as3/crypto-aes.as	(0.67)	(3%)	0.00	0%	0.00	0%	34.13	2%
sunspider/crypto-aes.as	(0.33)	(1%)	0.00	0%	(0.33)	(1%)	34.13	2%
asmicro/lookup-array-in-1.as	(56.94)	(3%)	(204.80)	(4%)	46.29	2%	102.40	2%
jsmicro/lookup-array-fetch-1.as	5.00	1%	(204.80)	(4%)	12.11	2%	102.40	2%
mmgc/sfib.as	(1.33)	(1%)	34.13	1%	(1.33)	(1%)	102.40	2%
asmicro/array-shift-1.as	(1.94)	(1%)	(102.40)	(3%)	0.10	0%	68.27	2%
sunspider/as3/string-fasta.as	(2.33)	(9%)	68.27	2%	1.33	5%	68.27	2%
sunspider/s3d-raytrace.as	0.00	0%	(204.80)	(6%)	(0.67)	(1%)	68.27	2%
v8.5/optimized/regexp.as	0.00	0%	0.00	0%	0.00	0%	68.27	2%
v8.5/typed/regexp.as	(0.33)	(0%)	(34.13)	(1%)	0.33	0%	68.27	2%
sunspider/math-partial-sums.as	1.33	1%	(136.53)	(4%)	3.33	2%	68.27	2%
asmicro/array-sort-3.as	(0.14)	(0%)	(68.27)	(1%)	0.32	1%	170.67	2%
language/string/static_ascii_array_100.as	0.67	0%	68.27	1%	(0.33)	(0%)	204.80	3%
language/string/slice.as	(4.67)	(3%)	(68.27)	(1%)	(0.33)	(0%)	204.80	3%
asmicro/array-write-int-4.as	(6.42)	(8%)	(34.13)	(1%)	(2.32)	(3%)	68.27	3%
asmicro/array-write-int-5.as	(6.98)	(8%)	0.00	0%	(5.46)	(7%)	68.27	3%
sunspider/math-spectral-norm.as	(4.00)	(22%)	0.00	0%	2.00	10%	102.40	3%
asmicro/lookup-array-fetch-1.as	10.99	1%	(204.80)	(4%)	16.88	3%	170.67	3%
sunspider-0.9.1/typed/math-cordic.as	(1.00)	(9%)	(204.80)	(6%)	0.33	3%	102.40	3%

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
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%

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
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%

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
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%

t/m d(avg) %d(avg)

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
sunspider-0.9.1/typed/crypto-sha1.as	time	2.33	2.33	2.00	3.00	2048.0	2048.0	2048.0	2048.0
asmicro/string-indexOf-1.as	iterations/second	350.42	350.73	347.64	186.36	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/bitops-bitwise-and.as	time	1.33	1.33	1.33	1.67	2048.0	2048.0	2048.0	2048.0
jsmicro/while-1.as	iterations/second	813.58	813.85	830.17	647.80	2048.0	2048.0	2048.0	2048.0
jsmicro/for-1.as	iterations/second	813.25	813.58	829.84	647.59	2048.0	2048.0	2048.0	2048.0
jsmicro/do-1.as	iterations/second	835.16	835.27	797.66	634.49	2048.0	2048.0	2048.0	2048.0
jsmicro/globalvar-read-1.as	iterations/second	813.58	813.85	777.64	622.09	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/access-nbody.as	time	2.00	2.00	1.67	2.00	2048.0	2048.0	2048.0	2048.0
jsmicro/closedvar-read-1.as	iterations/second	813.91	813.85	777.69	622.50	2048.0	2048.0	2048.0	2048.0
asmicro/alloc-3.as	iterations/second	11.90	17.50	18.51	15.03	4505.6	37546.7	16418.1	3584.0
jsmicro/string-indexOf-2.as	iterations/second	80.76	79.76	75.93	61.77	2048.0	2048.0	2048.0	2048.0
jsmicro/alloc-3.as	iterations/second	11.50	17.29	18.16	14.78	4505.6	37580.8	15803.7	3584.0
jsmicro/parseFloat-1.as	iterations/second	73.22	66.87	69.04	56.59	4198.4	24473.6	26487.5	4198.4
jsmicro/for-in-2.as	iterations/second	368.51	368.72	375.91	311.69	2048.0	2048.0	2048.0	2048.0
asmicro/string-indexOf-2.as	iterations/second	183.72	185.63	165.95	137.98	2048.0	2048.0	2048.0	2048.0
asmicro/try-2.as	iterations/second	15.60	18.79	18.69	15.69	4096.0	28535.5	28603.7	4096.0
jsmicro/globalvar-write-1.as	iterations/second	587.55	556.74	574.05	488.35	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/crypto-md5.as	time	2.33	2.33	2.33	2.67	2048.0	2048.0	2048.0	2048.0
jsmicro/string-indexOf-1.as	iterations/second	121.11	118.91	112.11	96.43	2048.0	2048.0	2048.0	2048.0
jsmicro/try-2.as	iterations/second	15.42	18.43	17.89	15.51	4096.0	29934.9	28842.7	4096.0
sunspider-0.9.1/js/bitops-3bit-bits-in-byte.as	time	5.67	5.33	5.33	6.00	2048.0	2048.0	2048.0	2048.0
sunspider/as3vector/access-nbody.as	time	3.67	3.67	2.67	3.00	2048.0	2048.0	2048.0	2048.0
jsmicro/closedvar-write-2.as	iterations/second	587.41	557.07	556.74	488.51	2048.0	2048.0	2048.0	2048.0
sunspider/string-fasta.as	time	61.00	62.67	50.00	56.00	2150.4	2355.2	2457.6	2389.3
sunspider/as3/crypto-md5.as	time	9.33	9.67	9.00	10.00	2048.0	2048.0	2355.2	2150.4
sunspider/bitops-bits-in-byte.as	time	19.00	19.00	18.00	20.00	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/bitops-bits-in-byte.as	time	7.00	7.00	6.33	7.00	2048.0	2048.0	2048.0	2048.0
jsmicro/parseInt-1.as	iterations/second	171.60	171.60	165.18	148.26	2048.0	2048.0	2048.0	2048.0
sunspider/as3/math-spectral-norm.as	time	4.00	3.33	3.33	3.67	2048.0	2048.0	2048.0	2048.0
jsmicro/isNaN-1.as	iterations/second	598.54	598.54	587.01	528.98	2048.0	2048.0	2048.0	2048.0
sunspider/as3/access-nbody.as	time	4.00	3.33	3.67	4.00	2048.0	2048.0	2048.0	2048.0
v8/typed/crypto.as	v8	1,063.67	1,062.00	1,081.00	989.00	3072.0	3106.1	3208.5	3174.4
jsmicro/array-2.as	iterations/second	370.01	353.53	373.05	341.66	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/string-fasta.as	time	21.67	21.00	21.00	22.67	3891.2	4608.0	4710.4	3993.6
sunspider-0.9.1/js/math-spectral-norm.as	time	18.00	16.00	17.33	18.67	3822.9	3925.3	3993.6	3993.6
language/e4x/addingToXMLList.as	time	13.00	12.00	13.33	14.33	4027.7	4334.9	4232.5	3993.6
sunspider/s3d-morph.as	time	27.00	29.33	26.67	28.67	3584.0	3652.3	3549.9	3686.4
asmicro/string-fromCharCode-1.as	iterations/second	406.78	406.99	421.91	391.88	2048.0	2048.0	2048.0	2048.0
sunspider/as3/math-cordic.as	time	11.00	12.00	9.67	10.33	3174.4	3379.2	3379.2	3379.2

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
sunspider/controlflow-recursive.as	time	10.33	11.33	10.00	10.67	2048.0	2048.0	2048.0	2048.0
asmicro/array-write-int-5.as	iterations/second	84.49	77.51	82.86	77.41	2252.8	2252.8	2525.9	2457.6
asmicro/array-write-int-1.as	iterations/second	74.50	71.71	75.47	70.62	2218.7	2252.8	2457.6	2457.6
jsmicro/array-1.as	iterations/second	505.49	505.33	509.49	477.04	2048.0	2048.0	2048.0	2048.0
jsmicro/funcall-3.as	iterations/second	298.30	298.30	294.60	275.90	2048.0	2048.0	2048.0	2048.0
jsmicro/string-indexOf-3.as	iterations/second	71.64	69.75	66.39	62.40	2048.0	2048.0	2048.0	2048.0
language/describetype/desctypeperf.as	time	479.00	452.67	452.00	478.00	3822.9	7406.9	7236.3	3686.4
asmicro/string-casechange-1.as	iterations/second	36.31	36.67	36.14	34.11	2048.0	2048.0	2048.0	2048.0
asmicro/array-write-int-3.as	iterations/second	84.66	78.32	83.22	78.55	2252.8	2321.1	2491.7	2457.6
asmicro/array-2.as	iterations/second	869.51	825.51	857.57	809.52	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/s3d-cube.as	time	12.00	12.00	12.00	12.67	2355.2	2423.5	2457.6	2457.6
asmicro/string-casechange-2.as	iterations/second	36.38	36.49	36.03	34.05	2048.0	2048.0	2048.0	2048.0
jsmicro/closedvar-write-1.as	iterations/second	587.49	556.59	556.74	527.77	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/js/bitops-nsieve-bits.as	time	19.33	19.00	19.67	20.67	2048.0	2048.0	2048.0	2048.0
jsmicro/funcall-1.as	iterations/second	329.67	329.78	333.66	316.93	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/js/string-fasta.as	time	41.00	41.33	40.00	42.00	2662.4	2867.2	2867.2	2867.2
sunspider/as3/s3d-cube.as	time	14.00	14.00	14.33	15.00	2048.0	2150.4	2355.2	2218.7
jsmicro/funcall-2.as	iterations/second	315.81	315.72	314.37	300.09	2048.0	2048.0	2048.0	2048.0
asmicro/vector-write-C-2.as	iterations/second	46.35	45.05	109.30	104.88	2048.0	2150.4	2286.9	2355.2
sunspider/as3/string-validate-input.as	time	24.33	24.67	25.00	26.00	3686.4	3891.2	3891.2	3891.2
sunspider/as3vector/s3d-cube.as	time	24.33	25.00	16.67	17.33	2969.6	2969.6	2150.4	2150.4
scimark/MonteCarlo.as	time	1,377.67	1,361.33	1,295.33	1,343.67	2048.0	2048.0	2048.0	2048.0
asmicro/funcall-4.as	iterations/second	156.53	158.19	153.49	147.88	2150.4	2286.9	2355.2	2355.2
jsmicro/switch-1.as	iterations/second	134.55	134.42	145.65	140.44	2048.0	2048.0	2048.0	2048.0
jsmicro/try-1.as	iterations/second	273.69	273.69	267.62	258.06	2048.0	2048.0	2048.0	2048.0
v8.5/untyped/earley-boyer.as	v8	1,261.33	1,314.67	1,232.33	1,188.33	11639.5	18909.9	18739.2	11776.0
asmicro/array-foreach-method-with-types.as	iterations/second	352.08	357.74	464.71	448.25	2048.0	2048.0	2048.0	2048.0
language/string/charCodeAt.as	time	119.00	121.00	114.33	118.33	15462.4	15360.0	15462.4	15462.4
sunspider-0.9.1/typed/access-nsieve.as	time	9.33	9.33	9.67	10.00	5222.4	4846.9	5427.2	5529.6
jsmicro/string-fromCharCode-1.as	iterations/second	113.18	115.01	105.82	102.23	2048.0	2048.0	2048.0	2048.0
v8.5/js/earley-boyer.as	v8	1,230.00	1,275.33	1,233.33	1,192.00	11776.0	18875.7	18739.2	11776.0
sunspider/access-nsieve.as	time	20.67	20.00	20.00	20.67	3993.6	4437.3	4642.1	4369.1
asmicro/bytearray-write-byte-3.as	iterations/second	81.35	82.02	90.04	87.10	2048.0	2048.0	2048.0	2048.0
jsmicro/regex-exec-2.as	iterations/second	101.86	96.92	85.57	82.78	2048.0	2048.0	2048.0	2048.0
sunspider/as3/date-format-tofte.as	time	137.33	126.67	133.33	137.67	3891.2	6621.9	6519.5	3891.2
sunspider-0.9.1/js/controlflow-recursive.as	time	10.33	10.00	10.33	10.67	2048.0	2048.0	2048.0	2048.0
jsmicro/regex-exec-3.as	iterations/second	138.07	137.98	131.59	127.49	2048.0	2048.0	2048.0	2048.0
asmicro/vector-write-C-1.as	iterations/second	46.44	45.42	110.30	106.92	2048.0	2150.4	2321.1	2321.1
v8.5/optimized/earley-boyer.as	v8	1,257.33	1,309.33	1,231.00	1,193.67	11707.7	18841.6	19080.5	11776.0

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
sunspider-0.9.1/js/crypto-aes.as	time	23.00	22.33	22.67	23.33	2048.0	2150.4	2252.8	2150.4
jsmicro/string-charCodeAt-1.as	iterations/second	137.30	134.72	127.57	123.84	2048.0	2048.0	2048.0	2048.0
asmicro/regex-exec-4.as	iterations/second	441.26	432.76	373.25	362.61	2048.0	2048.0	2048.0	2048.0
jsmicro/arguments-2.as	iterations/second	141.67	141.67	140.77	136.77	2048.0	2048.0	2048.0	2048.0
jsmicro/alloc-6.as	iterations/second	82.42	81.62	81.64	79.35	2048.0	2048.0	2048.0	2048.0
asmicro/regex-exec-2.as	iterations/second	111.59	105.70	94.22	91.57	2048.0	2048.0	2048.0	2048.0
asmicro/array-write-int-4.as	iterations/second	84.66	78.24	83.17	80.85	2286.9	2321.1	2525.9	2457.6
asmicro/regex-exec-3.as	iterations/second	155.22	153.39	147.51	143.61	2048.0	2048.0	2048.0	2048.0
language/string/charAt.as	time	107.00	110.33	102.33	105.00	15394.1	15360.0	15462.4	15462.4
sunspider-0.9.1/js/access-fannkuch.as	time	50.33	51.67	51.67	53.00	2048.0	2048.0	2048.0	2048.0
v8.5/typed/earley-boyer.as	v8	1,263.67	1,303.00	1,222.00	1,192.00	11707.7	19217.1	19148.8	11776.0
asmicro/regex-exec-1.as	iterations/second	91.90	86.73	77.38	75.50	2048.0	2048.0	2048.0	2048.0
jsmicro/string-charCodeAt-2.as	iterations/second	133.91	134.46	125.13	122.26	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/regexp-dna.as	time	302.00	302.00	594.67	607.67	12492.8	11434.7	10274.1	9728.0
jsmicro/number-toString-2.as	iterations/second	80.36	80.46	79.02	77.30	2048.0	2048.0	2048.0	2048.0
jsmicro/switch-2.as	iterations/second	76.69	76.64	85.97	84.16	2048.0	2048.0	2048.0	2048.0
v8.5/js/deltablue.as	v8	429.67	433.67	370.00	362.33	4198.4	7304.5	6860.8	4300.8
sunspider/string-validate-input.as	time	31.00	32.00	33.00	33.67	3584.0	3891.2	3891.2	3891.2
jsmicro/switch-3.as	iterations/second	92.29	92.26	114.65	112.37	2048.0	2048.0	2048.0	2048.0
v8/earley-boyer.as	v8	1,271.67	1,317.67	1,217.67	1,194.00	11707.7	18534.4	19251.2	11776.0
jsmicro/array-shift-1.as	iterations/second	74.00	74.17	62.34	61.12	4676.3	4642.1	4949.3	4608.0
mmgc/ofib-rc.as	time	244.67	243.67	206.67	210.67	51712.0	51712.0	42086.4	42086.4
jsmicro/regex-exec-4.as	iterations/second	357.50	348.64	304.73	298.97	2048.0	2048.0	2048.0	2048.0
jsmicro/string-fromCharCode-2.as	iterations/second	53.45	53.66	51.66	50.70	2048.0	2048.0	2048.0	2048.0
asmicro/vector-write-Object-2.as	iterations/second	66.84	66.78	66.82	65.59	2048.0	2150.4	2150.4	2082.1
language/e4x/appendChildAndString.as	time	39.00	38.00	37.33	38.00	4096.0	4300.8	4471.5	3993.6
sunspider-0.9.1/typed/string-validate-input.as	time	19.00	19.33	19.00	19.33	3584.0	3891.2	3891.2	3891.2
sunspider-0.9.1/js/access-nsieve.as	time	18.00	18.67	19.33	19.67	4915.2	4710.4	4983.5	5632.0
v8/typed/earley-boyer.as	v8	1,271.00	1,324.00	1,206.67	1,186.00	11639.5	18568.5	18739.2	11776.0
jsmicro/string-charAt-1.as	iterations/second	142.00	141.20	129.11	126.94	2048.0	2048.0	2048.0	2048.0
sunspider/bitops-nsieve-bits.as	time	19.67	20.00	20.00	20.33	2048.0	2048.0	2048.0	2048.0
mmgc/ofib.as	time	874.00	897.00	862.67	877.00	127419.7	115814.4	104755.2	123426.1
language/string/replace2.as	time	627.00	598.67	647.00	657.67	2150.4	2355.2	2355.2	2355.2
asmicro/array-write-C-1.as	iterations/second	61.96	62.83	62.14	61.12	2048.0	2150.4	2150.4	2116.3
jsmicro/string-fromCharCode-3.as	iterations/second	94.32	95.93	94.43	92.93	2048.0	2048.0	2048.0	2048.0
jsmicro/lookup-object-fetch-1.as	iterations/second	901.76	889.52	718.80	707.39	6963.2	7065.6	7065.6	7065.6
jsmicro/string-lastIndexOf-1.as	iterations/second	121.68	119.13	109.45	107.72	2048.0	2048.0	2048.0	2048.0
asmicro/string-fromCharCode-2.as	iterations/second	81.86	82.37	83.61	82.34	2048.0	2048.0	2048.0	2048.0
asmicro/vector-init-3.as	iterations/second	230.39	231.64	217.49	214.21	2048.0	2048.0	2048.0	2048.0

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
sunspider-0.9.1/js/s3d-cube.as	time	46.00	44.00	44.67	45.33	4505.6	9489.1	9728.0	4539.7
jsmicro/array-sort-4.as	iterations/second	13.88	13.97	14.75	14.53	8430.9	8635.7	8567.5	8499.2
jsmicro/regex-exec-1.as	iterations/second	79.95	74.83	67.22	66.22	2048.0	2048.0	2048.0	2048.0
language/string/typed/replace2.as	time	624.67	599.33	647.33	656.67	2150.4	2355.2	2355.2	2355.2
v8.5/optimized/deltablue.as	v8	4,315.33	4,299.00	4,208.67	4,149.67	4266.7	4539.7	4676.3	4334.9
asmicro/array-init-3.as	iterations/second	387.96	392.22	368.26	363.15	2048.0	2048.0	2048.0	2048.0
jsmicro/for-in-1.as	iterations/second	375.25	375.37	344.20	339.43	2048.0	2048.0	2048.0	2048.0
v8.5/js/crypto.as	v8	850.00	804.00	854.33	842.67	2048.0	2150.4	2252.8	2150.4
sunspider/bitops-bitwise-and.as	time	180.00	179.00	176.00	178.33	2048.0	2048.0	2048.0	2048.0
sunspider/crypto-aes.as	time	26.00	26.33	25.67	26.00	2048.0	2048.0	2082.1	2048.0
sunspider-0.9.1/js/access-binary-trees.as	time	24.33	24.00	26.33	26.67	2048.0	2048.0	2048.0	2048.0
sunspider/as3vector/string-validate-input.as	time	26.33	25.67	26.67	27.00	3584.0	3891.2	3822.9	3891.2
asmicro/vector-push-1.as	iterations/second	64.48	63.72	78.07	77.10	2048.0	2048.0	2048.0	2048.0
sunspider/as3/access-fannkuch.as	time	30.67	31.00	27.00	27.33	2048.0	2048.0	2048.0	2048.0
sunspider/s3d-raytrace.as	time	53.33	53.33	57.00	57.67	3686.4	3891.2	3754.7	3686.4
jsmicro/alloc-1.as	iterations/second	47.67	47.73	54.11	53.48	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-bytes-1.as	iterations/second	20.52	20.77	20.39	20.17	2560.0	2662.4	2867.2	2730.7
sunspider-0.9.1/js/regexp-dna.as	time	325.33	325.33	629.00	635.67	10683.7	10240.0	10137.6	10649.6
asmicro/array-push-1.as	iterations/second	384.77	387.48	389.48	385.43	2048.0	2048.0	2048.0	2048.0
v8.5/optimized/raytrace.as	v8	10,215.67	10,119.33	10,390.67	10,284.33	2048.0	2116.3	2286.9	2628.3
jsmicro/string-charAt-2.as	iterations/second	61.84	62.19	59.70	59.09	2048.0	2048.0	2048.0	2048.0
jsmicro/string-fromCharCode-4.as	iterations/second	98.64	98.77	96.65	95.74	2048.0	2048.0	2048.0	2048.0
jsbench/typed/SparseMatmult.as	time	1,779.00	1,783.33	789.67	797.00	8601.6	8704.0	8704.0	8601.6
jsbench/LUFact.as	time	4,157.67	4,044.33	3,988.67	4,025.67	64955.7	60893.9	65024.0	59869.9
asmicro/array-write-C-2.as	iterations/second	31.52	31.44	31.15	30.87	2969.6	3037.9	3072.0	3037.9
jsmicro/alloc-13.as	iterations/second	105.19	105.04	103.38	102.49	2048.0	2048.0	2048.0	2048.0
jsmicro/string-substring-1.as	iterations/second	76.82	76.47	74.94	74.30	2048.0	2048.0	2048.0	2048.0
v8/deltablue.as	v8	2,445.00	2,486.00	2,429.33	2,408.67	3959.5	4471.5	4744.5	4266.7
asmicro/array-sort-4.as	iterations/second	13.23	13.31	14.18	14.06	8396.8	8294.4	8499.2	8499.2
v8.5/untyped/deltablue.as	v8	2,503.00	2,499.33	2,440.33	2,420.67	4130.1	4539.7	4642.1	4369.1
v8.5/typed/raytrace.as	v8	10,246.67	10,164.00	10,435.67	10,353.00	2048.0	2082.1	2150.4	2150.4
asmicro/array-sort-2.as	iterations/second	3.18	3.21	3.18	3.15	3106.1	3276.8	3276.8	3310.9
floatBench/NumRayTracer.as	time	809.70	818.63	788.87	794.80	3891.2	3891.2	3891.2	3891.2
v8/typed/deltablue.as	v8	3,679.67	3,691.67	3,621.33	3,594.33	4130.1	4471.5	4710.4	4437.3
asmicro/parseInt-1.as	iterations/second	247.84	247.84	242.27	240.52	2048.0	2048.0	2048.0	2048.0
floatBench/dbl/dblNeg.as	time	238.00	249.00	233.67	235.33	2048.0	2048.0	2048.0	2048.0
jsmicro/try-3.as	iterations/second	61.79	62.15	61.88	61.45	2048.0	2048.0	2048.0	2048.0
v8.5/typed/deltablue.as	v8	4,373.00	4,346.00	4,225.67	4,197.33	4232.5	4676.3	4642.1	4266.7
language/string/typed/append_concat.as	time	51.67	52.00	52.00	52.33	25497.6	26624.0	25702.4	25634.1

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
misc/boidshack.as	time	313.33	314.33	313.00	315.00	10854.4	16964.3	16725.3	11059.2
v8/crypto.as	v8	1,004.00	977.67	1,027.33	1,021.00	3072.0	3072.0	3106.1	3140.3
asmicro/globalvar-read-1.as	iterations/second	4,525.47	4,523.14	4,565.10	4,537.46	2048.0	2048.0	2048.0	2048.0
sunspider/as3/math-partial-sums.as	time	52.67	53.00	56.00	56.33	2525.9	2560.0	2628.3	2594.1
asmicro/lookup-negindex-array-2.as	iterations/second	435.56	435.27	363.52	361.37	2355.2	2457.6	2491.7	2457.6
asmicro/array-sort-1.as	iterations/second	38.85	39.28	37.88	37.66	3584.0	3686.4	3891.2	3891.2
v8.5/js/regexp.as	v8	172.00	171.00	117.67	117.00	3584.0	3584.0	3686.4	3686.4
v8.5/untyped/regexp.as	v8	172.00	171.00	118.00	117.33	3515.7	3584.0	3686.4	3652.3
sunspider/as3/string-unpack-code.as	time	99.67	94.00	119.00	119.67	4061.9	4096.0	4027.7	3993.6
jsmicro/alloc-7.as	iterations/second	52.02	51.60	50.99	50.71	2048.0	2048.0	2048.0	2048.0
asmicro/array-read-Number-2.as	iterations/second	59.37	59.39	37.52	37.32	2048.0	2048.0	2048.0	2048.0
scimark/SparseCompRow.as	time	74.67	76.00	62.00	62.33	3652.3	3891.2	3925.3	3891.2
v8.5/js/raytrace.as	v8	909.67	897.00	815.33	811.00	3310.9	3822.9	3345.1	3106.1
mmgc/sfib.as	time	256.00	257.33	258.33	259.67	5836.8	5802.7	5939.2	5836.8
asmicro/bytearray-write-double-1.as	iterations/second	7.35	7.32	18.47	18.38	2048.0	2048.0	2048.0	2048.0
asmicro/vector-init-4.as	iterations/second	193.34	189.35	186.53	185.57	2048.0	2048.0	2048.0	2048.0
jsmicro/string-split-2.as	iterations/second	10.93	10.90	10.59	10.54	2048.0	2048.0	2048.0	2048.0
asmicro/parseFloat-1.as	iterations/second	97.77	97.87	110.70	110.16	2048.0	2048.0	2048.0	2048.0
jsmicro/funcall-4.as	iterations/second	2,033.30	2,033.30	2,077.92	2,068.60	2048.0	2048.0	2048.0	2048.0
asmicro/try-3.as	iterations/second	74.00	73.88	74.16	73.84	2048.0	2048.0	2048.0	2048.0
jsmicro/string-split-1.as	iterations/second	11.19	11.09	10.80	10.75	2048.0	2048.0	2048.0	2048.0
asmicro/try-1.as	iterations/second	357.40	357.17	349.20	347.75	2048.0	2048.0	2048.0	2048.0
jsmicro/array-pop-1.as	iterations/second	97.98	101.46	81.78	81.46	4334.9	4608.0	4642.1	4812.8
language/string/typed/substr.as	time	88.00	88.67	87.00	87.33	4812.8	4881.1	4881.1	5017.6
language/string/static_ascii_array_50.as	time	182.00	180.67	182.33	183.00	7202.1	7065.6	7270.4	7202.1
asmicro/alloc-7.as	iterations/second	52.03	51.89	52.39	52.20	2048.0	2048.0	2048.0	2048.0
asmicro/array-read-C-2.as	iterations/second	59.37	59.37	37.52	37.39	2048.0	2048.0	2048.0	2048.0
mmgc/gcbench.as	time	2,159.67	2,165.00	2,256.33	2,264.00	36454.4	36454.4	36454.4	36454.4
v8/typed/richards.as	v8	2,805.33	2,732.00	2,779.33	2,770.00	3345.1	3413.3	3447.5	3447.5
v8.5/optimized/crypto.as	v8	4,814.67	4,883.00	9,431.33	9,400.00	2355.2	2423.5	2560.0	2560.0
asmicro/bytearray-read-uint-1.as	iterations/second	10.48	10.87	25.58	25.50	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-utfbytes-1.as	iterations/second	77.28	78.45	75.07	74.83	2355.2	2457.6	2491.7	2457.6
misc/bytearray-to-vector-le.as	iterations/second	356.52	362.40	626.16	624.17	4096.0	3993.6	4061.9	4027.7
asmicro/bytearray-read-byte-3.as	iterations/second	102.90	102.90	106.26	105.93	2048.0	2048.0	2048.0	2048.0
v8.5/optimized/splay.as	v8	6,758.00	6,749.33	6,585.33	6,565.67	82534.4	83694.9	84582.4	84582.4
jsmicro/alloc-4.as	iterations/second	59.02	60.10	56.64	56.47	2048.0	2048.0	2048.0	2048.0
asmicro/string-charCodeAt-3.as	iterations/second	1,611.06	1,611.06	1,594.41	1,589.74	2048.0	2048.0	2048.0	2048.0
misc/bytearray-to-vector-be.as	iterations/second	339.87	340.76	586.36	584.69	4096.0	3993.6	4027.7	4061.9
language/string/indexOf.as	time	235.67	235.67	235.33	236.00	26419.2	26419.2	26521.6	26521.6

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
language/string/typed/slice.as	time	119.33	119.33	118.67	119.00	7406.9	7953.1	7884.8	7577.6
language/string/substring.as	time	126.33	129.00	119.33	119.67	4812.8	5017.6	5017.6	5017.6
jsmicro/alloc-14.as	iterations/second	86.65	86.20	84.75	84.52	4676.3	4642.1	4505.6	4334.9
jsmicro/alloc-12.as	iterations/second	16.77	16.83	15.83	15.79	2048.0	2048.0	2048.0	2048.0
asmicro/array-1.as	iterations/second	1,727.94	2,371.30	3,825.51	3,815.52	2048.0	2048.0	2048.0	2048.0
asmicro/array-init-1.as	iterations/second	559.92	571.10	542.46	541.10	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-utf-1.as	iterations/second	55.80	55.81	53.92	53.78	2560.0	2662.4	2867.2	2662.4
asmicro/arguments-2.as	iterations/second	664.01	628.16	586.36	585.03	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-bytes-2.as	iterations/second	1,368.63	1,374.29	1,335.33	1,332.33	4266.7	4198.4	4198.4	4198.4
jsbench/typed/LUFact.as	time	899.67	927.00	464.33	465.33	10035.2	20309.3	7168.0	7168.0
jsbench/typed/Moldyn.as	time	3,413.67	3,928.67	1,321.00	1,323.67	5017.6	32563.2	7577.6	4403.2
language/string/slice.as	time	171.00	175.67	167.00	167.33	7884.8	7953.1	7782.4	7577.6
asmicro/bytearray-read-byte-2.as	iterations/second	119.13	119.13	123.79	123.55	2048.0	2048.0	2048.0	2048.0
asmicro/array-read-int-2.as	iterations/second	59.39	59.45	37.22	37.15	2048.0	2048.0	2048.0	2048.0
asmicro/string-split-2.as	iterations/second	11.74	11.87	11.46	11.44	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/js/bitops-bitwise-and.as	time	181.33	179.33	176.67	177.00	2048.0	2048.0	2048.0	2048.0
asmicro/vector-write-Number-2.as	iterations/second	198.67	198.87	362.40	361.73	3208.5	3276.8	3310.9	3208.5
asmicro/string-charAt-2.as	iterations/second	107.57	107.53	107.95	107.75	2048.0	2048.0	2048.0	2048.0
language/string/static_latin1_array_50.as	time	186.67	187.67	188.00	188.33	9728.0	9523.2	9659.7	9728.0
language/string/static_ascii_array_100.as	time	196.33	195.67	195.33	195.67	8157.9	8089.6	8089.6	7884.8
asmicro/string-substring-1.as	iterations/second	184.08	183.57	184.45	184.14	2048.0	2048.0	2048.0	2048.0
floatBench/dbl/dblDec.as	time	630.00	629.33	629.67	630.67	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-float-2.as	iterations/second	10.80	11.40	35.05	35.00	2048.0	2048.0	2048.0	2048.0
language/string/typed/indexOf.as	time	235.00	235.33	235.33	235.67	26453.3	26419.2	26521.6	26521.6
asmicro/alloc-1.as	iterations/second	50.08	49.87	56.87	56.79	2048.0	2048.0	2048.0	2048.0
asmicro/array-read-int-6.as	iterations/second	158.52	203.12	316.37	315.95	2048.0	2048.0	2048.0	2048.0
asmicro/number-toString-2.as	iterations/second	98.47	98.84	97.64	97.51	2048.0	2048.0	2048.0	2048.0
v8/richards.as	v8	1,605.33	1,634.67	1,587.33	1,585.33	3037.9	3072.0	3174.4	3174.4
asmicro/while-1.as	iterations/second	4,521.81	4,521.48	4,521.48	4,515.82	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-length-1.as	iterations/second	121.93	121.88	296.51	296.17	2048.0	2048.0	2048.0	2048.0
v8.5/typed/crypto.as	v8	3,549.00	3,542.67	5,790.33	5,784.00	2423.5	2525.9	2560.0	2560.0
asmicro/vector-read-Number-2.as	iterations/second	273.66	273.39	716.05	715.28	2048.0	2048.0	2048.0	2048.0
floatBench/dbl/dblInc.as	time	630.00	629.67	629.67	630.33	2048.0	2048.0	2048.0	2048.0
misc/bytearray-to-vector-worst.as	iterations/second	338.32	342.86	585.83	585.22	4096.0	3993.6	4096.0	4061.9
asmicro/switch-3.as	iterations/second	302.09	302.29	299.60	299.30	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-char-1.as	iterations/second	37.86	37.74	209.79	209.58	2048.0	2048.0	2048.0	2048.0
asmicro/string-slice-1.as	iterations/second	174.24	173.65	175.65	175.47	2048.0	2048.0	2048.0	2048.0
jsmicro/alloc-2.as	iterations/second	26.20	25.10	29.41	29.38	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-double-2.as	iterations/second	7.37	7.49	23.35	23.32	2048.0	2048.0	2048.0	2048.0

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
jsbench/HeapSort.as	time	2,429.00	2,436.00	2,412.00	2,414.33	11673.6	11673.6	12185.6	12083.2
asmicro/bytearray-write-short-2.as	iterations/second	7.45	7.47	22.18	22.16	2048.0	2048.0	2048.0	2048.0
asmicro/alloc-0.as	iterations/second	71.64	71.74	118.91	118.80	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-uint-2.as	iterations/second	282.77	282.86	749.92	749.25	2048.0	2048.0	2048.0	2048.0
asmicro/array-init-2.as	iterations/second	572.57	589.02	555.93	555.44	2048.0	2048.0	2048.0	2048.0
asmicro/string-lastIndexOf-1.as	iterations/second	813.52	813.85	793.54	792.94	2048.0	2048.0	2048.0	2048.0
asmicro/string-charCodeAt-1.as	iterations/second	2,385.28	2,387.61	2,386.95	2,385.28	2048.0	2048.0	2048.0	2048.0
asmicro/for-2.as	iterations/second	2,880.12	2,880.45	2,880.79	2,878.79	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-C-2.as	iterations/second	125.75	125.75	656.69	656.24	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-available-1.as	iterations/second	173.31	183.45	183.63	183.51	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-length-1.as	iterations/second	190.18	190.24	190.24	190.11	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-short-2.as	iterations/second	10.38	10.19	26.68	26.66	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-uint-2.as	iterations/second	11.10	11.38	26.68	26.66	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-short-1.as	iterations/second	9.86	9.84	26.56	26.54	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-double-1.as	iterations/second	10.10	10.29	20.49	20.47	2048.0	2048.0	2048.0	2048.0
asmicro/vector-write-int-3.as	iterations/second	151.39	151.34	339.77	339.55	2355.2	2389.3	2457.6	2457.6
asmicro/vector-nested-read-Number-2.as	iterations/second	89.73	89.70	288.90	288.71	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-C-1.as	iterations/second	129.78	129.78	684.86	684.42	2048.0	2048.0	2048.0	2048.0
floatBench/dbl/dblSub.as	time	567.33	567.00	567.00	567.33	2048.0	2048.0	2048.0	2048.0
jsbench/typed/Crypt.as	time	736.33	735.67	608.00	608.33	37171.2	37171.2	37171.2	37171.2
asmicro/vector-read-int-4.as	iterations/second	278.98	278.92	758.74	758.32	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-int-3.as	iterations/second	262.81	262.95	656.34	656.01	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-int-6.as	iterations/second	214.21	214.14	405.19	404.99	2048.0	2048.0	2048.0	2048.0
asmicro/string-charAt-1.as	iterations/second	2,093.57	2,093.24	2,110.89	2,109.89	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-uint-4.as	iterations/second	278.83	278.44	715.71	715.38	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-int-1.as	iterations/second	279.02	278.92	715.95	715.62	2048.0	2048.0	2048.0	2048.0
misc/vector-to-bytearray-be.as	iterations/second	309.07	308.95	809.25	808.92	2048.0	2048.0	2048.0	2048.0
asmicro/do-1.as	iterations/second	5,273.39	5,272.39	5,274.39	5,272.39	2048.0	2048.0	2048.0	2048.0
asmicro/globalvar-write-1.as	iterations/second	2,640.69	2,640.36	2,640.69	2,639.69	2048.0	2048.0	2048.0	2048.0
misc/vector-to-bytearray-le.as	iterations/second	319.92	319.80	901.43	901.10	2048.0	2048.0	2048.0	2048.0
asmicro/for-3.as	iterations/second	2,881.45	2,879.45	2,880.79	2,879.79	2048.0	2048.0	2048.0	2048.0
misc/SHA256-vector.as	iterations/second	1,675.99	1,694.31	1,980.69	1,980.02	2048.0	2116.3	2150.4	2150.4
asmicro/array-read-Number-1.as	iterations/second	236.13	236.06	555.26	555.07	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-int-5.as	iterations/second	214.21	214.14	405.46	405.32	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-bool-1.as	iterations/second	10.90	10.91	27.97	27.96	2048.0	2048.0	2048.0	2048.0
asmicro/vector-write-uint-1.as	iterations/second	193.29	193.23	366.93	366.81	2457.6	2560.0	2560.0	2560.0
asmicro/funcall-1.as	iterations/second	487.85	487.85	487.68	487.52	2048.0	2048.0	2048.0	2048.0
asmicro/vector-write-int-5.as	iterations/second	143.86	143.86	341.09	340.98	2150.4	2355.2	2457.6	2457.6
asmicro/array-read-int-5.as	iterations/second	158.52	203.12	316.26	316.16	2048.0	2048.0	2048.0	2048.0

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
asmicro/array-read-length-1.as	iterations/second	96.04	96.07	95.99	95.96	2048.0	2048.0	2048.0	2048.0
asmicro/vector-write-Object-1.as	iterations/second	67.13	66.01	67.17	67.15	2048.0	2150.4	2150.4	2082.1
asmicro/bytearray-write-int-1.as	iterations/second	7.36	7.26	20.72	20.71	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-ushort-1.as	iterations/second	9.80	9.84	26.57	26.56	2048.0	2048.0	2048.0	2048.0
asmicro/string-split-1.as	iterations/second	12.02	12.10	11.69	11.68	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-float-1.as	iterations/second	10.26	10.67	28.27	28.27	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-byte-1.as	iterations/second	7.74	7.82	22.31	22.30	2048.0	2048.0	2048.0	2048.0
asmicro/isNaN-3.as	iterations/second	3,974.03	3,976.02	4,216.12	4,214.79	2048.0	2048.0	2048.0	2048.0
asmicro/isNaN-2.as	iterations/second	4,275.39	4,276.39	4,275.72	4,274.39	2048.0	2048.0	2048.0	2048.0
asmicro/string-charCodeAt-6.as	iterations/second	2,384.95	2,385.95	2,387.28	2,386.61	2048.0	2048.0	2048.0	2048.0
floatBench/dbl/dblMod.as	time	1,570.00	1,570.00	1,568.00	1,568.33	2048.0	2048.0	2048.0	2048.0
asmicro/funcall-2.as	iterations/second	335.99	336.33	401.86	401.80	2048.0	2048.0	2048.0	2048.0
floatBench/dbl/dblDiv.as	time	2,361.67	2,362.00	2,361.67	2,362.00	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-uint-1.as	iterations/second	278.92	278.83	758.99	758.91	2048.0	2048.0	2048.0	2048.0
asmicro/for-1.as	iterations/second	4,524.48	4,521.15	4,520.81	4,520.48	2048.0	2048.0	2048.0	2048.0
asmicro/closedvar-read-1.as	iterations/second	4,540.13	4,535.46	4,525.14	4,524.81	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-bytes-1.as	iterations/second	26.52	25.86	25.24	25.24	2867.2	2901.3	2969.6	2969.6
asmicro/array-read-int-1.as	iterations/second	236.13	236.13	555.26	555.26	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-double-2.as	iterations/second	10.27	11.03	35.47	35.47	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-int-1.as	iterations/second	10.44	10.90	24.63	24.63	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-int-2.as	iterations/second	11.18	11.42	26.66	26.66	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-ushort-2.as	iterations/second	10.20	10.32	26.67	26.67	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-float-2.as	iterations/second	7.67	7.60	22.95	22.95	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-short-1.as	iterations/second	7.28	7.24	21.56	21.56	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-uint-1.as	iterations/second	7.36	7.26	20.72	20.72	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-uint-2.as	iterations/second	7.80	7.80	22.18	22.18	2048.0	2048.0	2048.0	2048.0
asmicro/closedvar-write-2.as	iterations/second	2,641.36	2,639.03	2,640.36	2,640.36	2048.0	2048.0	2048.0	2048.0
asmicro/object-read-length-1.as	iterations/second	351.53	351.53	351.41	351.41	2048.0	2048.0	2048.0	2048.0
asmicro/string-charCodeAt-4.as	iterations/second	2,598.07	2,596.07	2,597.74	2,597.74	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-int-7.as	iterations/second	211.23	211.44	376.50	376.50	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-uint-3.as	iterations/second	257.23	256.56	631.16	631.16	2048.0	2048.0	2048.0	2048.0
asmicro/vector-write-Boolean-1.as	iterations/second	90.49	82.53	91.93	91.93	2389.3	2457.6	2560.0	2560.0
asmicro/vector-write-int-2.as	iterations/second	194.48	194.35	363.15	363.15	2457.6	2560.0	2560.0	2560.0
asmicro/vector-write-int-4.as	iterations/second	144.42	144.42	339.43	339.43	2150.4	2355.2	2457.6	2457.6
language/e4x/simpleStringConcatenation.as	time	1.33	1.00	1.00	1.00	3584.0	3618.1	3618.1	3652.3
language/e4x/usingAppendChildAndE4X.as	time	40.67	40.00	39.00	39.00	3481.6	3686.4	3822.9	3686.4
language/string/append_concat.as	time	56.00	56.00	56.00	56.00	25497.6	25634.1	25702.4	26146.1
language/string/search.as	time	30.00	30.00	30.00	30.00	2969.6	2969.6	2969.6	2969.6
language/string/substr.as	time	129.00	130.33	123.67	123.67	4812.8	5017.6	4949.3	5017.6

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
language/string/typed/append_equal_plus.as	time	43.33	42.00	43.00	43.00	25497.6	25600.0	25702.4	26112.0
language/string/typed/charAt.as	time	9.00	9.67	9.00	9.00	15428.3	15360.0	15462.4	15462.4
language/string/typed/charCodeAt.as	time	9.00	9.00	9.00	9.00	15428.3	15360.0	15462.4	15462.4
language/string/typed/search.as	time	29.33	29.67	30.33	30.33	3072.0	3072.0	3276.8	3242.7
language/string/typed/substring.as	time	82.00	82.67	82.00	82.00	4812.8	4881.1	5017.6	5017.6
misc/primes.as	time	4,210.67	4,211.67	4,209.33	4,209.33	2048.0	2048.0	2048.0	2048.0
misc/SHA256-array.as	iterations/second	1,243.76	1,248.42	1,269.06	1,269.06	2048.0	2048.0	2150.4	2150.4
misc/vector-to-bytearray-worst.as	iterations/second	308.97	309.07	808.92	808.92	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/js/crypto-sha1.as	time	8.00	7.33	8.00	8.00	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/bitops-3bit-bits-in-byte.as	time	3.33	3.33	3.00	3.00	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/bitops-nsieve-bits.as	time	12.00	12.00	10.00	10.00	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/controlflow-recursive.as	time	2.67	2.33	3.00	3.00	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/crypto-aes.as	time	16.00	16.33	16.00	16.00	2048.0	2150.4	2286.9	2150.4
sunspider/access-binary-trees.as	time	23.00	23.67	25.00	25.00	2048.0	2048.0	2048.0	2048.0
sunspider/as3/bitops-3bit-bits-in-byte.as	time	3.33	3.67	3.33	3.33	2048.0	2048.0	2048.0	2048.0
sunspider/as3/bitops-bits-in-byte.as	time	7.00	7.00	7.00	7.00	2048.0	2048.0	2048.0	2048.0
sunspider/as3/bitops-nsieve-bits.as	time	13.00	11.67	10.33	10.33	2048.0	2048.0	2048.0	2048.0
sunspider/as3/crypto-aes.as	time	20.00	20.67	20.00	20.00	2048.0	2048.0	2082.1	2048.0
sunspider/as3/crypto-sha1.as	time	7.00	7.00	7.00	7.00	2048.0	2048.0	2048.0	2048.0
sunspider/as3/s3d-raytrace.as	time	22.00	21.67	22.67	22.67	3686.4	3686.4	3891.2	3891.2
sunspider/as3vector/access-fannkuch.as	time	19.00	18.67	9.00	9.00	2048.0	2048.0	2048.0	2048.0
sunspider/as3vector/bitops-nsieve-bits.as	time	6.00	6.00	3.67	3.67	2048.0	2048.0	2048.0	2048.0
sunspider/as3vector/math-cordic.as	time	9.33	9.67	9.00	9.00	2867.2	2867.2	2969.6	2969.6
sunspider/as3vector/math-spectral-norm.as	time	10.00	9.67	9.00	9.00	2867.2	2867.2	2969.6	2969.6
sunspider/as3vector/s3d-morph.as	time	9.33	9.67	7.67	7.67	2048.0	2048.0	2355.2	2150.4
v8.5/optimized/regexp.as	v8	172.00	172.00	117.67	117.67	3584.0	3584.0	3754.7	3686.4
asmicro/vector-read-char-2.as	iterations/second	118.21	118.21	210.37	210.37	2048.0	2048.0	2048.0	2048.0
asmicro/vector-write-Number-1.as	iterations/second	198.07	198.47	358.07	358.07	3242.7	3276.8	3208.5	3174.4
asmicro/lookup-negindex-object-1.as	iterations/second	510.99	518.47	502.00	502.00	2662.4	2662.4	2867.2	2662.4
jsmicro/string-casechange-2.as	iterations/second	24.45	24.81	23.78	23.78	2048.0	2048.0	2048.0	2048.0
asmicro/closedvar-write-1.as	iterations/second	2,641.03	2,638.69	2,639.69	2,640.03	2048.0	2048.0	2048.0	2048.0
asmicro/isNaN-1.as	iterations/second	3,752.25	3,752.91	3,753.91	3,754.91	2048.0	2048.0	2048.0	2048.0
v8.5/js/splay.as	v8	1,113.33	1,271.67	1,183.33	1,183.67	190361.6	190361.6	155136.0	155136.0
asmicro/bytearray-read-utf-2.as	iterations/second	4.45	4.26	4.68	4.68	2969.6	3174.4	3174.4	3174.4
asmicro/bytearray-write-int-2.as	iterations/second	7.81	7.80	22.17	22.18	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-byte-1.as	iterations/second	10.98	11.17	28.20	28.21	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-ubyte-1.as	iterations/second	11.05	11.17	28.20	28.21	2048.0	2048.0	2048.0	2048.0
asmicro/alloc-4.as	iterations/second	61.90	62.54	59.21	59.23	2048.0	2048.0	2048.0	2048.0
asmicro/array-read-int-7.as	iterations/second	156.91	205.59	316.37	316.47	2048.0	2048.0	2048.0	2048.0

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
asmicro/vector-read-int-2.as	iterations/second	280.63	280.11	749.33	749.58	2048.0	2048.0	2048.0	2048.0
asmicro/switch-1.as	iterations/second	906.46	906.09	906.09	906.43	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-position-1.as	iterations/second	194.03	193.83	193.96	194.03	2048.0	2048.0	2048.0	2048.0
floatBench/dbl/dblMul.as	time	755.67	756.00	756.00	755.67	2048.0	2048.0	2048.0	2048.0
asmicro/vector-read-Number-1.as	iterations/second	280.25	281.35	716.14	716.47	2048.0	2048.0	2048.0	2048.0
jsbench/typed/SOR.as	time	3,064.67	3,072.67	1,330.67	1,330.00	27238.4	30446.9	18944.0	18944.0
asmicro/lookup-object-fetch-1.as	iterations/second	1,041.29	1,022.31	814.85	815.31	6963.2	7065.6	7065.6	7065.6
floatBench/dbl/dblAdd.as	time	567.00	567.00	567.00	566.67	2048.0	2048.0	2048.0	2048.0
asmicro/array-read-C-1.as	iterations/second	235.22	234.86	561.07	561.40	2048.0	2048.0	2048.0	2048.0
asmicro/string-charCodeAt-7.as	iterations/second	2,587.75	2,588.74	2,587.08	2,588.74	2048.0	2048.0	2048.0	2048.0
asmicro/alloc-13.as	iterations/second	122.43	122.02	118.45	118.53	2048.0	2048.0	2048.0	2048.0
asmicro/array-shift-1.as	iterations/second	156.27	154.33	149.20	149.30	3584.0	3686.4	3754.7	3686.4
asmicro/vector-write-uint-2.as	iterations/second	194.16	194.03	362.91	363.15	2457.6	2525.9	2560.0	2560.0
jsmicro/array-push-1.as	iterations/second	74.45	74.41	62.25	62.29	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-bytes-2.as	iterations/second	975.69	975.37	965.03	965.71	4198.4	4096.0	4198.4	4198.4
asmicro/vector-nested-read-Number-1.as	iterations/second	60.42	60.42	288.52	288.76	2048.0	2048.0	2048.0	2048.0
asmicro/string-charCodeAt-2.as	iterations/second	2,266.07	2,265.73	2,273.06	2,275.06	2048.0	2048.0	2048.0	2048.0
asmicro/alloc-11.as	iterations/second	18.46	18.63	17.30	17.31	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-position-1.as	iterations/second	190.24	186.38	190.11	190.30	2048.0	2048.0	2048.0	2048.0
asmicro/vector-write-int-1.as	iterations/second	193.36	193.42	365.90	366.27	2457.6	2491.7	2560.0	2560.0
v8.5/js/richards.as	v8	375.00	371.67	330.67	331.00	2423.5	2457.6	2457.6	2457.6
asmicro/vector-init-1.as	iterations/second	330.78	331.00	318.70	319.03	2048.0	2048.0	2048.0	2048.0
jsbench/typed/FFT.as	time	991.33	991.67	615.33	614.67	22562.1	21606.4	21606.4	20377.6
asmicro/bytearray-write-utfbytes-2.as	iterations/second	34.40	34.43	34.49	34.54	5734.4	5597.9	5666.1	5632.0
jsmicro/array-sort-2.as	iterations/second	3.18	3.19	3.16	3.16	3174.4	3242.7	3140.3	3140.3
asmicro/lookup-negindex-object-2.as	iterations/second	490.52	494.51	472.04	472.70	2355.2	2457.6	2491.7	2457.6
asmicro/bytearray-read-utfbytes-2.as	iterations/second	4.43	4.27	4.66	4.66	2969.6	3174.4	3174.4	3208.5
jsbench/typed/HeapSort.as	time	938.67	938.00	580.67	579.67	5939.2	5939.2	5939.2	5939.2
language/string/static_latin1_array_100.as	time	376.67	378.67	379.00	378.33	11980.8	11810.1	11468.8	11502.9
asmicro/vector-init-2.as	iterations/second	420.44	416.83	398.14	398.87	2048.0	2048.0	2048.0	2048.0
jsmicro/array-sort-1.as	iterations/second	36.48	36.72	35.24	35.31	4642.1	5154.1	5393.1	5324.8
asmicro/restarg-1.as	iterations/second	1,124.88	1,020.31	1,141.53	1,143.86	2048.0	2048.0	2048.0	2048.0
jsmicro/arguments-1.as	iterations/second	210.09	210.30	212.64	213.10	2048.0	2048.0	2048.0	2048.0
jsmicro/string-slice-1.as	iterations/second	76.08	75.32	73.99	74.15	2048.0	2048.0	2048.0	2048.0
asmicro/oop-1.as	iterations/second	5.25	5.15	4.28	4.29	4096.0	10001.1	7577.6	4096.0
asmicro/bytearray-read-utfbytes-1.as	iterations/second	18.55	17.50	39.31	39.41	2048.0	2048.0	2048.0	2048.0
asmicro/array-write-int-2.as	iterations/second	35.02	34.24	33.65	33.74	3072.0	3106.1	3174.4	3072.0
misc/gameoflife.as	time	1,085.33	1,087.67	1,104.33	1,101.33	5256.5	5188.3	5188.3	5154.1
v8.5/typed/regexp.as	v8	172.33	172.00	117.67	118.00	3549.9	3584.0	3754.7	3686.4

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
asmicro/restarg-2.as	iterations/second	661.67	625.75	581.56	583.22	2048.0	2048.0	2048.0	2048.0
jsbench/Crypt.as	time	2,455.33	2,423.33	2,402.00	2,395.00	105676.8	107246.9	101922.1	102570.7
asmicro/restarg-3.as	iterations/second	49.39	50.58	46.74	46.88	2048.0	2048.0	2048.0	2048.0
asmicro/array-pop-1.as	iterations/second	498.00	498.34	478.87	480.36	3584.0	3652.3	3686.4	3686.4
asmicro/arguments-1.as	iterations/second	1,124.21	1,019.31	1,142.19	1,145.85	2048.0	2048.0	2048.0	2048.0
asmicro/alloc-2.as	iterations/second	26.84	25.62	30.38	30.49	2048.0	2048.0	2048.0	2048.0
asmicro/alloc-14.as	iterations/second	97.95	97.12	94.50	94.84	4539.7	4505.6	4369.1	4437.3
asmicro/for-in-1.as	iterations/second	495.50	495.50	492.34	494.51	2048.0	2048.0	2048.0	2048.0
asmicro/alloc-12.as	iterations/second	18.64	18.75	17.41	17.49	2048.0	2048.0	2048.0	2048.0
sunspider/date-format-tofte.as	time	146.67	143.33	141.67	141.00	3891.2	6553.6	6724.3	3959.5
asmicro/array-foreach-method-sans-types.as	iterations/second	672.65	668.78	675.76	678.99	2048.0	2048.0	2048.0	2048.0
v8.5/typed/splay.as	v8	1,628.67	1,643.33	1,567.33	1,575.67	118784.0	118784.0	120729.6	120729.6
asmicro/array-unshift-1.as	iterations/second	202.93	204.72	191.49	192.55	2048.0	2048.0	2048.0	2048.0
v8.5/typed/richards.as	v8	4,965.00	4,965.00	5,061.00	5,090.33	3379.2	3413.3	3447.5	3447.5
asmicro/array-foreach-func.as	iterations/second	434.42	434.13	428.76	431.28	2048.0	2048.0	2048.0	2048.0
asmicro/funcall-3.as	iterations/second	440.97	440.68	450.43	453.09	2048.0	2048.0	2048.0	2048.0
asmicro/number-toString-1.as	iterations/second	10.69	10.51	10.14	10.20	2048.0	2048.0	2048.0	2048.0
v8/typed/raytrace.as	v8	8,582.67	8,498.33	8,509.67	8,561.00	2969.6	3481.6	4539.7	3072.0
jsmicro/array-sort-3.as	iterations/second	29.72	29.70	27.91	28.08	7953.1	7884.8	7680.0	7680.0
asmicro/string-indexOf-3.as	iterations/second	140.82	140.81	140.16	141.01	2048.0	2048.0	2048.0	2048.0
jsmicro/string-casechange-1.as	iterations/second	24.00	24.41	23.54	23.68	2048.0	2048.0	2048.0	2048.0
asmicro/alloc-5.as	iterations/second	45.04	45.76	43.45	43.74	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-read-utf-1.as	iterations/second	19.10	17.38	41.12	41.41	2048.0	2048.0	2048.0	2048.0
language/string/append_equal_plus.as	time	46.67	46.00	47.00	46.67	25975.5	25600.0	25702.4	25668.3
language/string/append_plus_equal.as	time	46.33	46.67	47.00	46.67	25497.6	25600.0	25702.4	25702.4
jsmicro/alloc-11.as	iterations/second	16.67	16.80	15.71	15.82	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-utf-2.as	iterations/second	30.64	30.58	30.24	30.47	5734.4	5563.7	5597.9	5597.9
language/string/typed/append_plus_equal.as	time	42.67	42.67	43.33	43.00	25497.6	27374.9	25702.4	25702.4
v8.5/optimized/richards.as	v8	4,945.67	4,962.33	5,075.67	5,115.33	3242.7	3413.3	3447.5	3447.5
jsmicro/arguments-3.as	iterations/second	23.29	23.32	21.40	21.57	2048.0	2048.0	2048.0	2048.0
misc/boids.as	time	1,262.00	1,270.00	1,234.33	1,224.33	4403.2	12731.7	12663.5	4266.7
asmicro/bytearray-write-bool-1.as	iterations/second	7.87	7.81	21.93	22.12	2048.0	2048.0	2048.0	2048.0
asmicro/switch-2.as	iterations/second	148.31	148.31	146.32	147.61	2048.0	2048.0	2048.0	2048.0
asmicro/alloc-6.as	iterations/second	94.81	95.65	91.82	92.69	2048.0	2048.0	2048.0	2048.0
asmicro/arguments-4.as	iterations/second	37.79	37.78	32.44	32.75	2048.0	2048.0	2048.0	2048.0
asmicro/for-in-2.as	iterations/second	463.41	463.20	468.22	472.72	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-byte-2.as	iterations/second	81.11	79.42	88.79	89.67	2048.0	2048.0	2048.0	2048.0
jsmicro/array-unshift-1.as	iterations/second	27.39	30.58	26.57	26.84	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/js/string-validate-input.as	time	29.33	30.00	31.00	30.67	3584.0	3891.2	3891.2	3891.2

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
sunspider/string-unpack-code.as	time	100.33	96.00	121.33	120.00	3993.6	4096.0	3993.6	3993.6
sunspider-0.9.1/typed/access-fannkuch.as	time	32.00	32.00	29.67	29.33	2048.0	2048.0	2048.0	2048.0
asmicro/array-sort-3.as	iterations/second	29.83	29.69	28.22	28.54	7611.7	7680.0	7953.1	7782.4
jsbench/Series.as	time	6,258.00	6,049.33	5,910.33	5,839.33	36317.9	38502.4	39833.6	33109.3
v8.5/untyped/splay.as	v8	1,545.33	1,566.00	1,483.67	1,502.00	118886.4	118954.7	122265.6	122265.6
jsmicro/array-slice-1.as	iterations/second	24.09	24.91	22.06	22.35	2048.0	2048.0	2048.0	2048.0
asmicro/lookup-negindex-array-1.as	iterations/second	497.67	503.16	460.90	467.09	2662.4	2662.4	2867.2	2662.4
asmicro/restarg-4.as	iterations/second	37.74	37.87	32.35	32.83	2048.0	2048.0	2048.0	2048.0
jsmicro/number-toString-1.as	iterations/second	10.36	10.35	9.98	10.13	2048.0	2048.0	2048.0	2048.0
jsmicro/lookup-array-in-1.as	iterations/second	1,275.06	1,254.08	1,258.74	1,278.06	5836.8	6314.7	6314.7	6007.5
jsmicro/lookup-object-in-1.as	iterations/second	1,147.19	1,133.87	1,137.53	1,155.84	6963.2	7065.6	7065.6	7065.6
jsmicro/oom-1.as	iterations/second	5.15	4.98	4.23	4.30	4096.0	8362.7	7577.6	4096.0
sunspider-0.9.1/js/bitops-bits-in-byte.as	time	18.33	19.00	20.00	19.67	2048.0	2048.0	2048.0	2048.0
asmicro/bytearray-write-float-1.as	iterations/second	7.20	7.19	18.68	19.02	2048.0	2048.0	2048.0	2048.0
asmicro/lookup-object-in-1.as	iterations/second	1,714.95	1,670.33	1,669.66	1,700.97	6963.2	7065.6	7065.6	7065.6
language/string/split.as	time	278.67	278.67	282.33	277.00	91443.2	91443.2	91443.2	91443.2
sunspider/access-fannkuch.as	time	51.00	51.33	51.33	50.33	2048.0	2048.0	2048.0	2048.0
sunspider/math-partial-sums.as	time	165.33	164.00	170.67	167.33	3686.4	3822.9	3720.5	3652.3
sunspider-0.9.1/js/math-partial-sums.as	time	162.00	161.00	168.67	165.33	3891.2	6144.0	6314.7	3993.6
jsmicro/lookup-array-fetch-1.as	iterations/second	761.24	766.23	610.85	622.96	5836.8	6041.6	6041.6	5939.2
asmicro/array-slice-1.as	iterations/second	28.64	29.85	27.20	27.76	2048.0	2048.0	2048.0	2048.0
sunspider/as3vector/string-fasta.as	time	27.33	28.33	15.33	15.00	3652.3	3686.4	2457.6	2423.5
language/string/typed/split.as	time	279.67	278.67	290.67	284.00	91443.2	91443.2	91784.5	91443.2
asmicro/lookup-array-in-1.as	iterations/second	2,026.97	1,970.03	1,962.04	2,008.33	5836.8	6041.6	6041.6	5939.2
asmicro/lookup-array-fetch-1.as	iterations/second	858.47	869.46	672.77	689.64	5836.8	6041.6	6246.4	6075.7
sunspider/as3/access-nsieve.as	time	12.00	12.00	12.67	12.33	4608.0	4710.4	4915.2	3891.2
sunspider/access-nbody.as	time	59.33	60.33	61.67	60.00	3993.6	4642.1	4710.4	4061.9
sunspider/crypto-md5.as	time	10.00	10.67	11.00	10.67	2048.0	2150.4	2150.4	2116.3
v8.5/untyped/richards.as	v8	577.33	573.67	510.33	526.33	2286.9	2355.2	2457.6	2355.2
sunspider-0.9.1/typed/math-cordic.as	time	11.00	12.00	10.33	10.00	3686.4	3891.2	3686.4	3584.0
jsbench/FFT.as	time	5,269.33	5,322.00	5,370.00	5,193.00	59835.7	80896.0	81612.8	58641.1
asmicro/arguments-3.as	iterations/second	26.75	27.02	24.26	25.15	2048.0	2048.0	2048.0	2048.0
jsmicro/alloc-5.as	iterations/second	43.54	44.26	40.68	42.21	2048.0	2048.0	2048.0	2048.0
sunspider/as3vector/access-nsieve.as	time	9.00	9.00	8.67	8.33	3174.4	3174.4	3174.4	3174.4
language/string/lastIndexOf.as	time	175.00	174.00	174.00	166.67	16384.0	16384.0	16486.4	16486.4
language/string/typed/lastIndexOf.as	time	175.00	174.33	174.00	166.67	16384.0	16384.0	16486.4	16486.4
sunspider/as3/string-fasta.as	time	26.00	28.33	28.67	27.33	3754.7	3686.4	3754.7	3686.4
sunspider/as3/access-binary-trees.as	time	6.33	6.33	7.00	6.67	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/js/s3d-raytrace.as	time	50.33	49.00	56.00	53.33	5597.9	5632.0	5802.7	5836.8

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
sunspider-0.9.1/typed/s3d-raytrace.as	time	6.00	6.67	6.67	6.33	2969.6	3072.0	3072.0	3106.1
sunspider-0.9.1/js/s3d-morph.as	time	40.00	44.33	44.33	42.00	5427.2	8430.9	8294.4	5563.7
jsbench/SparseMatmult.as	time	7,403.33	7,526.00	7,724.00	7,306.33	37000.5	62566.4	64204.8	36147.2
v8/raytrace.as	v8	3,925.67	3,662.00	3,651.67	3,856.67	4642.1	13550.9	13960.5	4608.0
floatBench/dbl/numMod.as	time	1,977.33	2,116.00	2,114.33	1,995.00	4198.4	31880.5	30788.3	4096.0
asmicro/array-init-4.as	iterations/second	377.24	381.32	339.43	359.40	2048.0	2048.0	2048.0	2048.0
jsbench/Euler.as	time	4,902.67	5,150.67	5,033.00	4,731.67	15530.7	35805.9	36249.6	15462.4
sunspider/math-cordic.as	time	37.33	39.00	40.00	37.33	3891.2	5290.7	5529.6	3993.6
sunspider/crypto-sha1.as	time	8.33	9.00	9.67	9.00	2048.0	2048.0	2048.0	2048.0
language/e4x/concatenatingStringsFromE4X.as	time	5.33	5.67	4.67	4.33	3584.0	3618.1	3618.1	3686.4
sunspider-0.9.1/typed/math-spectral-norm.as	time	4.67	5.00	4.67	4.33	2048.0	2048.0	2048.0	2048.0
v8.5/untyped/raytrace.as	v8	4,252.00	3,948.33	3,903.00	4,184.67	4642.1	13892.3	14438.4	4642.1
sunspider-0.9.1/js/crypto-md5.as	time	7.67	7.67	8.67	8.00	2048.0	2048.0	2082.1	2048.0
jsbench/SOR.as	time	22,093.67	23,441.67	23,526.33	21,632.33	72567.5	71543.5	69120.0	73284.3
jsbench/typed/Euler.as	time	5,920.67	6,929.33	1,804.33	1,659.00	8635.7	32802.1	34577.1	6860.8
sunspider-0.9.1/js/string-unpack-code.as	time	2,740.33	2,758.67	3,457.00	3,164.67	15940.3	15837.9	15667.2	16349.9
asmicro/string-charCodeAt-5.as	iterations/second	1,425.57	1,425.24	1,313.02	1,425.24	2048.0	2048.0	2048.0	2048.0
scimark/LU.as	time	2,125.00	2,309.33	2,255.00	2,059.67	6212.3	31129.6	31163.7	6246.4
sunspider-0.9.1/typed/string-unpack-code.as	time	2,757.67	2,768.33	3,471.67	3,165.67	15633.1	16930.1	15803.7	14165.3
v8.5/untyped/crypto.as	v8	979.00	969.00	919.67	1,001.67	2048.0	2150.4	2184.5	2184.5
sunspider/as3/s3d-morph.as	time	18.33	20.67	18.67	17.00	3618.1	3686.4	3618.1	3686.4
sunspider/math-spectral-norm.as	time	18.00	22.00	21.00	19.00	3686.4	3686.4	3754.7	3652.3
sunspider-0.9.1/js/access-nbody.as	time	57.00	62.67	62.67	56.67	4061.9	7543.5	7475.2	4096.0
sunspider-0.9.1/typed/s3d-morph.as	time	31.33	36.33	34.33	31.00	5529.6	8601.6	8601.6	5563.7
sunspider/bitops-3bit-bits-in-byte.as	time	6.00	6.67	6.67	6.00	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/js/math-cordic.as	time	37.33	42.33	41.67	37.00	3959.5	7441.1	7338.7	4061.9
jsmicro/string-lastIndexOf-2.as	iterations/second	70.98	69.92	67.38	75.22	2048.0	2048.0	2048.0	2048.0
language/string/replace.as	time	304.00	303.67	340.33	296.33	6041.6	6109.9	6075.7	6144.0
jsmicro/string-lastIndexOf-3.as	iterations/second	73.85	72.42	68.39	77.29	2048.0	2048.0	2048.0	2048.0
jsbench/typed/Series.as	time	4,950.00	5,660.33	5,502.67	4,751.67	4710.4	31880.5	32153.6	4608.0
jsbench/Moldyn.as	time	7,159.00	8,164.33	8,157.00	6,994.67	4915.2	31744.0	32256.0	4710.4
sunspider-0.9.1/typed/math-partial-sums.as	time	6.00	6.00	7.00	6.00	2048.0	2048.0	2048.0	2048.0
scimark/FFT.as	time	1,446.00	1,656.67	1,651.67	1,404.33	4710.4	31129.6	31027.2	4778.7
sunspider/s3d-cube.as	time	50.33	60.00	60.00	50.33	4266.7	7611.7	7645.9	4198.4
scimark/SOR.as	time	1,605.00	1,863.00	1,888.33	1,578.33	6246.4	31914.7	31948.8	5836.8
sunspider/as3/bitops-bitwise-and.as	time	2.00	2.00	2.00	1.67	2048.0	2048.0	2048.0	2048.0
sunspider-0.9.1/typed/access-binary-trees.as	time	5.33	6.00	6.00	5.00	2048.0	2048.0	2048.0	2048.0
language/string/typed/replace.as	time	284.00	271.67	341.00	278.33	6178.1	5973.3	6178.1	5939.2
jsmicro/alloc-10.as	iterations/second	13.28	10.89	10.97	12.98	4505.6	23142.4	22801.1	4403.2

testname	time metric	tr-old time	tr-new time	tr-tip time	tr-fix time	tr-old mem	tr-new mem	tr-tip mem	tr-fix mem
asmicro/alloc-10.as	iterations/second	13.54	11.11	11.09	13.35	4505.6	23278.9	23278.9	4471.5
asmicro/array-write-Number-2.as	iterations/second	19.15	15.98	15.85	19.16	4505.6	29730.1	29661.9	4505.6
sunspider/as3/controlflow-recursive.as	time	3.00	3.00	3.00	2.33	2048.0	2048.0	2048.0	2048.0
floatBench/dbl/numAdd.as	time	9,144.00	11,773.33	11,796.67	8,819.67	4608.0	34304.0	31880.5	4505.6
asmicro/array-write-Number-1.as	iterations/second	26.44	21.43	21.33	26.81	4505.6	31232.0	31197.9	4403.2
floatBench/dbl/numSub.as	time	8,544.00	11,145.33	11,055.00	8,131.00	4608.0	33792.0	31334.4	4505.6
floatBench/dbl/numDiv.as	time	8,636.67	11,243.67	11,174.33	8,208.33	4608.0	31573.3	32426.7	4505.6
floatBench/dbl/numDec.as	time	5,646.00	7,393.33	7,412.33	5,427.33	4608.0	31846.4	32221.9	4505.6
floatBench/dbl/numInc.as	time	5,631.00	7,389.00	7,427.67	5,428.33	4608.0	32392.5	31232.0	4505.6
floatBench/dbl/numMul.as	time	8,517.67	11,134.33	11,109.33	8,111.00	4608.0	31948.8	31880.5	4505.6
floatBench/dbl/numNeg.as	time	2,821.67	3,727.33	3,712.67	2,701.33	4608.0	31607.5	31641.6	4505.6
jsmicro/for-2.as	iterations/second	251.50	200.07	193.75	251.91	4403.2	31402.7	30788.3	4198.4
jsmicro/for-3.as	iterations/second	188.25	144.90	143.04	188.04	4505.6	31334.4	33245.9	4266.7
asmicro/string-lastIndexOf-3.as	iterations/second	148.34	149.27	147.66	195.95	2048.0	2048.0	2048.0	2048.0
asmicro/string-lastIndexOf-2.as	iterations/second	139.81	139.26	139.30	188.83	2048.0	2048.0	2048.0	2048.0
jsmicro/alloc-9.as	iterations/second	14.80	10.49	10.43	14.67	4539.7	21060.3	21504.0	4437.3
asmicro/alloc-8.as	iterations/second	15.15	10.78	10.72	15.08	4505.6	20821.3	21026.1	4403.2
jsmicro/alloc-8.as	iterations/second	14.95	10.45	10.48	14.75	4505.6	20855.5	21367.5	4403.2
asmicro/alloc-9.as	iterations/second	15.18	10.58	10.64	15.16	4505.6	20377.6	20855.5	4403.2

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
sunspider-0.9.1/typed/crypto-sha1.as	0.00	0%	0.00	0%	(1.00)	(50%)	0.00	0%
asmicro/string-indexOf-1.as	0.31	0%	0.00	0%	(161.28)	(46%)	0.00	0%
sunspider-0.9.1/typed/bitops-bitwise-and.as	0.00	0%	0.00	0%	(0.33)	(25%)	0.00	0%
jsmicro/while-1.as	0.27	0%	0.00	0%	(182.37)	(22%)	0.00	0%
jsmicro/for-1.as	0.33	0%	0.00	0%	(182.25)	(22%)	0.00	0%
jsmicro/do-1.as	0.11	0%	0.00	0%	(163.17)	(20%)	0.00	0%
jsmicro/globalvar-read-1.as	0.27	0%	0.00	0%	(155.55)	(20%)	0.00	0%
sunspider-0.9.1/typed/access-nbody.as	0.00	0%	0.00	0%	(0.33)	(20%)	0.00	0%
jsmicro/closedvar-read-1.as	(0.06)	(0%)	0.00	0%	(155.19)	(20%)	0.00	0%
asmicro/alloc-3.as	5.61	47%	(33041.07)	(733%)	(3.47)	(19%)	12834.13	78%
jsmicro/string-indexOf-2.as	(1.00)	(1%)	0.00	0%	(14.15)	(19%)	0.00	0%
jsmicro/alloc-3.as	5.79	50%	(33075.20)	(734%)	(3.38)	(19%)	12219.73	77%
jsmicro/parseFloat-1.as	(6.35)	(9%)	(20275.20)	(483%)	(12.46)	(18%)	22289.07	84%
jsmicro/for-in-2.as	0.21	0%	0.00	0%	(64.23)	(17%)	0.00	0%
asmicro/string-indexOf-2.as	1.91	1%	0.00	0%	(27.97)	(17%)	0.00	0%
asmicro/try-2.as	3.19	20%	(24439.47)	(597%)	(3.00)	(16%)	24507.73	86%
jsmicro/globalvar-write-1.as	(30.81)	(5%)	0.00	0%	(85.71)	(15%)	0.00	0%
sunspider-0.9.1/typed/crypto-md5.as	0.00	0%	0.00	0%	(0.33)	(14%)	0.00	0%
jsmicro/string-indexOf-1.as	(2.20)	(2%)	0.00	0%	(15.67)	(14%)	0.00	0%
jsmicro/try-2.as	3.01	20%	(25838.93)	(631%)	(2.38)	(13%)	24746.67	86%
sunspider-0.9.1/js/bitops-3bit-bits-in-byte.as	0.33	6%	0.00	0%	(0.67)	(13%)	0.00	0%
sunspider/as3vector/access-nbody.as	0.00	0%	0.00	0%	(0.33)	(12%)	0.00	0%
jsmicro/closedvar-write-2.as	(30.34)	(5%)	0.00	0%	(68.23)	(12%)	0.00	0%
sunspider/string-fasta.as	(1.67)	(3%)	(204.80)	(10%)	(6.00)	(12%)	68.27	3%
sunspider/as3/crypto-md5.as	(0.33)	(4%)	0.00	0%	(1.00)	(11%)	204.80	9%
sunspider/bitops-bits-in-byte.as	0.00	0%	0.00	0%	(2.00)	(11%)	0.00	0%
sunspider-0.9.1/typed/bitops-bits-in-byte.as	0.00	0%	0.00	0%	(0.67)	(11%)	0.00	0%
jsmicro/parseInt-1.as	0.00	0%	0.00	0%	(16.92)	(10%)	0.00	0%
sunspider/as3/math-spectral-norm.as	0.67	17%	0.00	0%	(0.33)	(10%)	0.00	0%
jsmicro/isNaN-1.as	0.00	0%	0.00	0%	(58.04)	(10%)	0.00	0%
sunspider/as3/access-nbody.as	0.67	17%	0.00	0%	(0.33)	(9%)	0.00	0%
v8/typed/crypto.as	(1.67)	(0%)	(34.13)	(1%)	(92.00)	(9%)	34.13	1%
jsmicro/array-2.as	(16.48)	(4%)	0.00	0%	(31.39)	(8%)	0.00	0%
sunspider-0.9.1/typed/string-fasta.as	0.67	3%	(716.80)	(18%)	(1.67)	(8%)	716.80	15%
sunspider-0.9.1/js/math-spectral-norm.as	2.00	11%	(102.40)	(3%)	(1.33)	(8%)	0.00	0%
language/e4x/addingToXMLList.as	1.00	8%	(307.20)	(8%)	(1.00)	(8%)	238.93	6%
sunspider/s3d-morph.as	(2.33)	(9%)	(68.27)	(2%)	(2.00)	(7%)	(136.53)	(4%)
asmicro/string-fromCharCode-1.as	0.21	0%	0.00	0%	(30.03)	(7%)	0.00	0%
sunspider/as3/math-cordic.as	(1.00)	(9%)	(204.80)	(6%)	(0.67)	(7%)	0.00	0%

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
sunspider/controlflow-recursive.as	(1.00)	(10%)	0.00	0%	(0.67)	(7%)	0.00	0%
asmicro/array-write-int-5.as	(6.98)	(8%)	0.00	0%	(5.46)	(7%)	68.27	3%
asmicro/array-write-int-1.as	(2.79)	(4%)	(34.13)	(2%)	(4.85)	(6%)	0.00	0%
jsmicro/array-1.as	(0.17)	(0%)	0.00	0%	(32.45)	(6%)	0.00	0%
jsmicro/funcall-3.as	0.00	0%	0.00	0%	(18.71)	(6%)	0.00	0%
jsmicro/string-indexOf-3.as	(1.89)	(3%)	0.00	0%	(3.99)	(6%)	0.00	0%
language/describetype/desctypeperf.as	26.33	5%	(3584.00)	(94%)	(26.00)	(6%)	3549.87	49%
asmicro/string-casechange-1.as	0.36	1%	0.00	0%	(2.03)	(6%)	0.00	0%
asmicro/array-write-int-3.as	(6.34)	(7%)	(68.27)	(3%)	(4.67)	(6%)	34.13	1%
asmicro/array-2.as	(44.00)	(5%)	0.00	0%	(48.05)	(6%)	0.00	0%
sunspider-0.9.1/typed/s3d-cube.as	0.00	0%	(68.27)	(3%)	(0.67)	(6%)	0.00	0%
asmicro/string-casechange-2.as	0.11	0%	0.00	0%	(1.98)	(5%)	0.00	0%
jsmicro/closedvar-write-1.as	(30.90)	(5%)	0.00	0%	(28.96)	(5%)	0.00	0%
sunspider-0.9.1/js/bitops-nsieve-bits.as	0.33	2%	0.00	0%	(1.00)	(5%)	0.00	0%
jsmicro/funcall-1.as	0.11	0%	0.00	0%	(16.74)	(5%)	0.00	0%
sunspider-0.9.1/js/string-fasta.as	(0.33)	(1%)	(204.80)	(8%)	(2.00)	(5%)	0.00	0%
sunspider/as3/s3d-cube.as	0.00	0%	(102.40)	(5%)	(0.67)	(5%)	136.53	6%
jsmicro/funcall-2.as	(0.09)	(0%)	0.00	0%	(14.28)	(5%)	0.00	0%
asmicro/vector-write-C-2.as	(1.30)	(3%)	(102.40)	(5%)	(4.42)	(4%)	(68.27)	(3%)
sunspider/as3/string-validate-input.as	(0.33)	(1%)	(204.80)	(6%)	(1.00)	(4%)	0.00	0%
sunspider/as3vector/s3d-cube.as	(0.67)	(3%)	0.00	0%	(0.67)	(4%)	0.00	0%
scimark/MonteCarlo.as	16.33	1%	0.00	0%	(48.33)	(4%)	0.00	0%
asmicro/funcall-4.as	1.66	1%	(136.53)	(6%)	(5.61)	(4%)	0.00	0%
jsmicro/switch-1.as	(0.13)	(0%)	0.00	0%	(5.22)	(4%)	0.00	0%
jsmicro/try-1.as	0.00	0%	0.00	0%	(9.57)	(4%)	0.00	0%
v8.5/untyped/earley-boyer.as	53.33	4%	(7270.40)	(62%)	(44.00)	(4%)	6963.20	37%
asmicro/array-foreach-method-with-types.as	5.66	2%	0.00	0%	(16.46)	(4%)	0.00	0%
language/string/charCodeAt.as	(2.00)	(2%)	102.40	1%	(4.00)	(3%)	0.00	0%
sunspider-0.9.1/typed/access-nsieve.as	0.00	0%	375.47	7%	(0.33)	(3%)	(102.40)	(2%)
jsmicro/string-fromCharCode-1.as	1.84	2%	0.00	0%	(3.59)	(3%)	0.00	0%
v8.5/js/earley-boyer.as	45.33	4%	(7099.73)	(60%)	(41.33)	(3%)	6963.20	37%
sunspider/access-nsieve.as	0.67	3%	(443.73)	(11%)	(0.67)	(3%)	273.07	6%
asmicro/bytearray-write-byte-3.as	0.67	1%	0.00	0%	(2.94)	(3%)	0.00	0%
jsmicro/regex-exec-2.as	(4.93)	(5%)	0.00	0%	(2.79)	(3%)	0.00	0%
sunspider/as3/date-format-tofte.as	10.67	8%	(2730.67)	(70%)	(4.33)	(3%)	2628.27	40%
sunspider-0.9.1/js/controlflow-recursive.as	0.33	3%	0.00	0%	(0.33)	(3%)	0.00	0%
jsmicro/regex-exec-3.as	(0.09)	(0%)	0.00	0%	(4.10)	(3%)	0.00	0%
asmicro/vector-write-C-1.as	(1.02)	(2%)	(102.40)	(5%)	(3.39)	(3%)	0.00	0%
v8.5/optimized/earley-boyer.as	52.00	4%	(7133.87)	(61%)	(37.33)	(3%)	7304.53	38%

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
sunspider-0.9.1/js/crypto-aes.as	0.67	3%	(102.40)	(5%)	(0.67)	(3%)	102.40	5%
jsmicro/string-charCodeAt-1.as	(2.58)	(2%)	0.00	0%	(3.73)	(3%)	0.00	0%
asmicro/regex-exec-4.as	(8.51)	(2%)	0.00	0%	(10.65)	(3%)	0.00	0%
jsmicro/arguments-2.as	0.00	0%	0.00	0%	(3.99)	(3%)	0.00	0%
jsmicro/alloc-6.as	(0.80)	(1%)	0.00	0%	(2.30)	(3%)	0.00	0%
asmicro/regex-exec-2.as	(5.89)	(5%)	0.00	0%	(2.65)	(3%)	0.00	0%
asmicro/array-write-int-4.as	(6.42)	(8%)	(34.13)	(1%)	(2.32)	(3%)	68.27	3%
asmicro/regex-exec-3.as	(1.84)	(1%)	0.00	0%	(3.90)	(3%)	0.00	0%
language/string/charAt.as	(3.33)	(3%)	34.13	0%	(2.67)	(3%)	0.00	0%
sunspider-0.9.1/js/access-fannkuch.as	(1.33)	(3%)	0.00	0%	(1.33)	(3%)	0.00	0%
v8.5/typed/earley-boyer.as	39.33	3%	(7509.33)	(64%)	(30.00)	(2%)	7372.80	39%
asmicro/regex-exec-1.as	(5.17)	(6%)	0.00	0%	(1.88)	(2%)	0.00	0%
jsmicro/string-charCodeAt-2.as	0.55	0%	0.00	0%	(2.86)	(2%)	0.00	0%
sunspider-0.9.1/typed/regexp-dna.as	0.00	0%	1058.13	8%	(13.00)	(2%)	546.13	5%
jsmicro/number-toString-2.as	0.11	0%	0.00	0%	(1.71)	(2%)	0.00	0%
jsmicro/switch-2.as	(0.05)	(0%)	0.00	0%	(1.81)	(2%)	0.00	0%
v8.5/js/deltablue.as	4.00	1%	(3106.13)	(74%)	(7.67)	(2%)	2560.00	37%
sunspider/string-validate-input.as	(1.00)	(3%)	(307.20)	(9%)	(0.67)	(2%)	0.00	0%
jsmicro/switch-3.as	(0.03)	(0%)	0.00	0%	(2.28)	(2%)	0.00	0%
v8/earley-boyer.as	46.00	4%	(6826.67)	(58%)	(23.67)	(2%)	7475.20	39%
jsmicro/array-shift-1.as	0.17	0%	34.13	1%	(1.21)	(2%)	341.33	7%
mmgc/ofib-rc.as	1.00	0%	0.00	0%	(4.00)	(2%)	0.00	0%
jsmicro/regex-exec-4.as	(8.86)	(2%)	0.00	0%	(5.76)	(2%)	0.00	0%
jsmicro/string-fromCharCode-2.as	0.21	0%	0.00	0%	(0.96)	(2%)	0.00	0%
asmicro/vector-write-Object-2.as	(0.07)	(0%)	(102.40)	(5%)	(1.24)	(2%)	68.27	3%
language/e4x/appendChildAndString.as	1.00	3%	(204.80)	(5%)	(0.67)	(2%)	477.87	11%
sunspider-0.9.1/typed/string-validate-input.as	(0.33)	(2%)	(307.20)	(9%)	(0.33)	(2%)	0.00	0%
sunspider-0.9.1/js/access-nsieve.as	(0.67)	(4%)	204.80	4%	(0.33)	(2%)	(648.53)	(13%)
v8/typed/earley-boyer.as	53.00	4%	(6929.07)	(60%)	(20.67)	(2%)	6963.20	37%
jsmicro/string-charAt-1.as	(0.80)	(1%)	0.00	0%	(2.16)	(2%)	0.00	0%
sunspider/bitops-nsieve-bits.as	(0.33)	(2%)	0.00	0%	(0.33)	(2%)	0.00	0%
mmgc/ofib.as	(23.00)	(3%)	11605.33	9%	(14.33)	(2%)	(18670.93)	(18%)
language/string/replace2.as	28.33	5%	(204.80)	(10%)	(10.67)	(2%)	0.00	0%
asmicro/array-write-C-1.as	0.87	1%	(102.40)	(5%)	(1.02)	(2%)	34.13	2%
jsmicro/string-fromCharCode-3.as	1.61	2%	0.00	0%	(1.50)	(2%)	0.00	0%
jsmicro/lookup-object-fetch-1.as	(12.25)	(1%)	(102.40)	(1%)	(11.41)	(2%)	0.00	0%
jsmicro/string-lastIndexOf-1.as	(2.56)	(2%)	0.00	0%	(1.73)	(2%)	0.00	0%
asmicro/string-fromCharCode-2.as	0.51	1%	0.00	0%	(1.27)	(2%)	0.00	0%
asmicro/vector-init-3.as	1.25	1%	0.00	0%	(3.28)	(2%)	0.00	0%

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
sunspider-0.9.1/js/s3d-cube.as	2.00	4%	(4983.47)	(111%)	(0.67)	(1%)	5188.27	53%
jsmicro/array-sort-4.as	0.09	1%	(204.80)	(2%)	(0.22)	(1%)	68.27	1%
jsmicro/regex-exec-1.as	(5.11)	(6%)	0.00	0%	(0.99)	(1%)	0.00	0%
language/string/typed/replace2.as	25.33	4%	(204.80)	(10%)	(9.33)	(1%)	0.00	0%
v8.5/optimized/deltablue.as	(16.33)	(0%)	(273.07)	(6%)	(59.00)	(1%)	341.33	7%
asmicro/array-init-3.as	4.25	1%	0.00	0%	(5.11)	(1%)	0.00	0%
jsmicro/for-in-1.as	0.12	0%	0.00	0%	(4.77)	(1%)	0.00	0%
v8.5/js/crypto.as	(46.00)	(5%)	(102.40)	(5%)	(11.67)	(1%)	102.40	5%
sunspider/bitops-bitwise-and.as	1.00	1%	0.00	0%	(2.33)	(1%)	0.00	0%
sunspider/crypto-aes.as	(0.33)	(1%)	0.00	0%	(0.33)	(1%)	34.13	2%
sunspider-0.9.1/js/access-binary-trees.as	0.33	1%	0.00	0%	(0.33)	(1%)	0.00	0%
sunspider/as3vector/string-validate-input.as	0.67	3%	(307.20)	(9%)	(0.33)	(1%)	(68.27)	(2%)
asmicro/vector-push-1.as	(0.76)	(1%)	0.00	0%	(0.97)	(1%)	0.00	0%
sunspider/as3/access-fannkuch.as	(0.33)	(1%)	0.00	0%	(0.33)	(1%)	0.00	0%
sunspider/s3d-raytrace.as	0.00	0%	(204.80)	(6%)	(0.67)	(1%)	68.27	2%
jsmicro/alloc-1.as	0.06	0%	0.00	0%	(0.62)	(1%)	0.00	0%
asmicro/bytearray-read-bytes-1.as	0.25	1%	(102.40)	(4%)	(0.22)	(1%)	136.53	5%
sunspider-0.9.1/js/regexp-dna.as	0.00	0%	443.73	4%	(6.67)	(1%)	(512.00)	(5%)
asmicro/array-push-1.as	2.71	1%	0.00	0%	(4.05)	(1%)	0.00	0%
v8.5/optimized/raytrace.as	(96.33)	(1%)	(68.27)	(3%)	(106.33)	(1%)	(341.33)	(15%)
jsmicro/string-charAt-2.as	0.35	1%	0.00	0%	(0.61)	(1%)	0.00	0%
jsmicro/string-fromCharCode-4.as	0.13	0%	0.00	0%	(0.90)	(1%)	0.00	0%
jsbench/typed/SparseMatmult.as	(4.33)	(0%)	(102.40)	(1%)	(7.33)	(1%)	102.40	1%
jsbench/LUFact.as	113.33	3%	4061.87	6%	(37.00)	(1%)	5154.13	8%
asmicro/array-write-C-2.as	(0.07)	(0%)	(68.27)	(2%)	(0.28)	(1%)	34.13	1%
jsmicro/alloc-13.as	(0.16)	(0%)	0.00	0%	(0.89)	(1%)	0.00	0%
jsmicro/string-substring-1.as	(0.36)	(0%)	0.00	0%	(0.65)	(1%)	0.00	0%
v8/deltablue.as	41.00	2%	(512.00)	(13%)	(20.67)	(1%)	477.87	10%
asmicro/array-sort-4.as	0.08	1%	102.40	1%	(0.12)	(1%)	0.00	0%
v8.5/untyped/deltablue.as	(3.67)	(0%)	(409.60)	(10%)	(19.67)	(1%)	273.07	6%
v8.5/typed/raytrace.as	(82.67)	(1%)	(34.13)	(2%)	(82.67)	(1%)	0.00	0%
asmicro/array-sort-2.as	0.03	1%	(170.67)	(5%)	(0.03)	(1%)	(34.13)	(1%)
floatBench/NumRayTracer.as	(8.93)	(1%)	0.00	0%	(5.93)	(1%)	0.00	0%
v8/typed/deltablue.as	12.00	0%	(341.33)	(8%)	(27.00)	(1%)	273.07	6%
asmicro/parseInt-1.as	0.00	0%	0.00	0%	(1.75)	(1%)	0.00	0%
floatBench/dbl/dblNeg.as	(11.00)	(5%)	0.00	0%	(1.67)	(1%)	0.00	0%
jsmicro/try-3.as	0.36	1%	0.00	0%	(0.43)	(1%)	0.00	0%
v8.5/typed/deltablue.as	(27.00)	(1%)	(443.73)	(10%)	(28.33)	(1%)	375.47	8%
language/string/typed/append_concat.as	(0.33)	(1%)	(1126.40)	(4%)	(0.33)	(1%)	68.27	0%

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
misc/boidshack.as	(1.00)	(0%)	(6109.87)	(56%)	(2.00)	(1%)	5666.13	34%
v8/crypto.as	(26.33)	(3%)	0.00	0%	(6.33)	(1%)	(34.13)	(1%)
asmicro/globalvar-read-1.as	(2.33)	(0%)	0.00	0%	(27.64)	(1%)	0.00	0%
sunspider/as3/math-partial-sums.as	(0.33)	(1%)	(34.13)	(1%)	(0.33)	(1%)	34.13	1%
asmicro/lookup-negindex-array-2.as	(0.29)	(0%)	(102.40)	(4%)	(2.15)	(1%)	34.13	1%
asmicro/array-sort-1.as	0.43	1%	(102.40)	(3%)	(0.22)	(1%)	0.00	0%
v8.5/js/regexp.as	(1.00)	(1%)	0.00	0%	(0.67)	(1%)	0.00	0%
v8.5/untyped/regexp.as	(1.00)	(1%)	(68.27)	(2%)	(0.67)	(1%)	34.13	1%
sunspider/as3/string-unpack-code.as	5.67	6%	(34.13)	(1%)	(0.67)	(1%)	34.13	1%
jsmicro/alloc-7.as	(0.42)	(1%)	0.00	0%	(0.28)	(1%)	0.00	0%
asmicro/array-read-Number-2.as	0.02	0%	0.00	0%	(0.20)	(1%)	0.00	0%
scimark/SparseCompRow.as	(1.33)	(2%)	(238.93)	(7%)	(0.33)	(1%)	34.13	1%
v8.5/js/raytrace.as	(12.67)	(1%)	(512.00)	(15%)	(4.33)	(1%)	238.93	7%
mmgc/sfib.as	(1.33)	(1%)	34.13	1%	(1.33)	(1%)	102.40	2%
asmicro/bytearray-write-double-1.as	(0.03)	(0%)	0.00	0%	(0.10)	(1%)	0.00	0%
asmicro/vector-init-4.as	(3.99)	(2%)	0.00	0%	(0.96)	(1%)	0.00	0%
jsmicro/string-split-2.as	(0.03)	(0%)	0.00	0%	(0.05)	(1%)	0.00	0%
asmicro/parseFloat-1.as	0.10	0%	0.00	0%	(0.55)	(0%)	0.00	0%
jsmicro/funcall-4.as	0.00	0%	0.00	0%	(9.32)	(0%)	0.00	0%
asmicro/try-3.as	(0.12)	(0%)	0.00	0%	(0.32)	(0%)	0.00	0%
jsmicro/string-split-1.as	(0.10)	(1%)	0.00	0%	(0.05)	(0%)	0.00	0%
asmicro/try-1.as	(0.24)	(0%)	0.00	0%	(1.45)	(0%)	0.00	0%
jsmicro/array-pop-1.as	3.48	4%	(273.07)	(6%)	(0.32)	(0%)	(170.67)	(4%)
language/string/typed/substr.as	(0.67)	(1%)	(68.27)	(1%)	(0.33)	(0%)	(136.53)	(3%)
language/string/static_ascii_array_50.as	1.33	1%	136.53	2%	(0.67)	(0%)	68.27	1%
asmicro/alloc-7.as	(0.14)	(0%)	0.00	0%	(0.19)	(0%)	0.00	0%
asmicro/array-read-C-2.as	(0.00)	(0%)	0.00	0%	(0.13)	(0%)	0.00	0%
mmgc/gcbench.as	(5.33)	(0%)	0.00	0%	(7.67)	(0%)	0.00	0%
v8/typed/richards.as	(73.33)	(3%)	(68.27)	(2%)	(9.33)	(0%)	0.00	0%
v8.5/optimized/crypto.as	68.33	1%	(68.27)	(3%)	(31.33)	(0%)	0.00	0%
asmicro/bytearray-read-uint-1.as	0.39	4%	0.00	0%	(0.08)	(0%)	0.00	0%
asmicro/bytearray-write-utfbytes-1.as	1.17	2%	(102.40)	(4%)	(0.24)	(0%)	34.13	1%
misc/bytearray-to-vector-le.as	5.87	2%	102.40	3%	(2.00)	(0%)	34.13	1%
asmicro/bytearray-read-byte-3.as	0.00	0%	0.00	0%	(0.33)	(0%)	0.00	0%
v8.5/optimized/splay.as	(8.67)	(0%)	(1160.53)	(1%)	(19.67)	(0%)	0.00	0%
jsmicro/alloc-4.as	1.08	2%	0.00	0%	(0.17)	(0%)	0.00	0%
asmicro/string-charCodeAt-3.as	0.00	0%	0.00	0%	(4.66)	(0%)	0.00	0%
misc/bytearray-to-vector-be.as	0.88	0%	102.40	3%	(1.66)	(0%)	(34.13)	(1%)
language/string/indexOf.as	0.00	0%	0.00	0%	(0.67)	(0%)	0.00	0%

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
language/string/typed/slice.as	0.00	0%	(546.13)	(7%)	(0.33)	(0%)	307.20	4%
language/string/substring.as	(2.67)	(2%)	(204.80)	(4%)	(0.33)	(0%)	0.00	0%
jsmicro/alloc-14.as	(0.46)	(1%)	34.13	1%	(0.22)	(0%)	170.67	4%
jsmicro/alloc-12.as	0.06	0%	0.00	0%	(0.04)	(0%)	0.00	0%
asmicro/array-1.as	643.36	37%	0.00	0%	(9.99)	(0%)	0.00	0%
asmicro/array-init-1.as	11.18	2%	0.00	0%	(1.36)	(0%)	0.00	0%
asmicro/bytearray-write-utf-1.as	0.02	0%	(102.40)	(4%)	(0.13)	(0%)	204.80	7%
asmicro/arguments-2.as	(35.84)	(5%)	0.00	0%	(1.33)	(0%)	0.00	0%
asmicro/bytearray-write-bytes-2.as	5.66	0%	68.27	2%	(3.00)	(0%)	0.00	0%
jsbench/typed/LUFact.as	(27.33)	(3%)	(10274.13)	(102%)	(1.00)	(0%)	0.00	0%
jsbench/typed/Moldyn.as	(515.00)	(15%)	(27545.60)	(549%)	(2.67)	(0%)	3174.40	42%
language/string/slice.as	(4.67)	(3%)	(68.27)	(1%)	(0.33)	(0%)	204.80	3%
asmicro/bytearray-read-byte-2.as	0.00	0%	0.00	0%	(0.25)	(0%)	0.00	0%
asmicro/array-read-int-2.as	0.06	0%	0.00	0%	(0.07)	(0%)	0.00	0%
asmicro/string-split-2.as	0.13	1%	0.00	0%	(0.02)	(0%)	0.00	0%
sunspider-0.9.1/js/bitops-bitwise-and.as	2.00	1%	0.00	0%	(0.33)	(0%)	0.00	0%
asmicro/vector-write-Number-2.as	0.20	0%	(68.27)	(2%)	(0.67)	(0%)	102.40	3%
asmicro/string-charAt-2.as	(0.04)	(0%)	0.00	0%	(0.20)	(0%)	0.00	0%
language/string/static_latin1_array_50.as	(1.00)	(1%)	204.80	2%	(0.33)	(0%)	(68.27)	(1%)
language/string/static_ascii_array_100.as	0.67	0%	68.27	1%	(0.33)	(0%)	204.80	3%
asmicro/string-substring-1.as	(0.51)	(0%)	0.00	0%	(0.31)	(0%)	0.00	0%
floatBench/dbl/dblDec.as	0.67	0%	0.00	0%	(1.00)	(0%)	0.00	0%
asmicro/bytearray-read-float-2.as	0.60	6%	0.00	0%	(0.05)	(0%)	0.00	0%
language/string/typed/indexOf.as	(0.33)	(0%)	34.13	0%	(0.33)	(0%)	0.00	0%
asmicro/alloc-1.as	(0.21)	(0%)	0.00	0%	(0.08)	(0%)	0.00	0%
asmicro/array-read-int-6.as	44.60	28%	0.00	0%	(0.42)	(0%)	0.00	0%
asmicro/number-toString-2.as	0.36	0%	0.00	0%	(0.13)	(0%)	0.00	0%
v8/richards.as	29.33	2%	(34.13)	(1%)	(2.00)	(0%)	0.00	0%
asmicro/while-1.as	(0.33)	(0%)	0.00	0%	(5.66)	(0%)	0.00	0%
asmicro/vector-read-length-1.as	(0.05)	(0%)	0.00	0%	(0.33)	(0%)	0.00	0%
v8.5/typed/crypto.as	(6.33)	(0%)	(102.40)	(4%)	(6.33)	(0%)	0.00	0%
asmicro/vector-read-Number-2.as	(0.27)	(0%)	0.00	0%	(0.76)	(0%)	0.00	0%
floatBench/dbl/dblInc.as	0.33	0%	0.00	0%	(0.67)	(0%)	0.00	0%
misc/bytearray-to-vector-worst.as	4.53	1%	102.40	3%	(0.61)	(0%)	34.13	1%
asmicro/switch-3.as	0.20	0%	0.00	0%	(0.30)	(0%)	0.00	0%
asmicro/vector-read-char-1.as	(0.13)	(0%)	0.00	0%	(0.21)	(0%)	0.00	0%
asmicro/string-slice-1.as	(0.59)	(0%)	0.00	0%	(0.17)	(0%)	0.00	0%
jsmicro/alloc-2.as	(1.09)	(4%)	0.00	0%	(0.03)	(0%)	0.00	0%
asmicro/bytearray-write-double-2.as	0.12	2%	0.00	0%	(0.02)	(0%)	0.00	0%

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
jsbench/HeapSort.as	(7.00)	(0%)	0.00	0%	(2.33)	(0%)	102.40	1%
asmicro/bytearray-write-short-2.as	0.02	0%	0.00	0%	(0.02)	(0%)	0.00	0%
asmicro/alloc-0.as	0.09	0%	0.00	0%	(0.11)	(0%)	0.00	0%
asmicro/vector-read-uint-2.as	0.09	0%	0.00	0%	(0.67)	(0%)	0.00	0%
asmicro/array-init-2.as	16.45	3%	0.00	0%	(0.48)	(0%)	0.00	0%
asmicro/string-lastIndexOf-1.as	0.33	0%	0.00	0%	(0.60)	(0%)	0.00	0%
asmicro/string-charCodeAt-1.as	2.33	0%	0.00	0%	(1.67)	(0%)	0.00	0%
asmicro/for-2.as	0.33	0%	0.00	0%	(2.00)	(0%)	0.00	0%
asmicro/vector-read-C-2.as	0.00	0%	0.00	0%	(0.45)	(0%)	0.00	0%
asmicro/bytearray-read-available-1.as	10.14	6%	0.00	0%	(0.12)	(0%)	0.00	0%
asmicro/bytearray-read-length-1.as	0.06	0%	0.00	0%	(0.13)	(0%)	0.00	0%
asmicro/bytearray-read-short-2.as	(0.19)	(2%)	0.00	0%	(0.02)	(0%)	0.00	0%
asmicro/bytearray-read-uint-2.as	0.27	2%	0.00	0%	(0.02)	(0%)	0.00	0%
asmicro/bytearray-read-short-1.as	(0.02)	(0%)	0.00	0%	(0.02)	(0%)	0.00	0%
asmicro/bytearray-read-double-1.as	0.19	2%	0.00	0%	(0.01)	(0%)	0.00	0%
asmicro/vector-write-int-3.as	(0.05)	(0%)	(34.13)	(1%)	(0.22)	(0%)	0.00	0%
asmicro/vector-nested-read-Number-2.as	(0.03)	(0%)	0.00	0%	(0.18)	(0%)	0.00	0%
asmicro/vector-read-C-1.as	0.00	0%	0.00	0%	(0.44)	(0%)	0.00	0%
floatBench/dbl/dblSub.as	0.33	0%	0.00	0%	(0.33)	(0%)	0.00	0%
jsbench/typed/Crypt.as	0.67	0%	0.00	0%	(0.33)	(0%)	0.00	0%
asmicro/vector-read-int-4.as	(0.05)	(0%)	0.00	0%	(0.41)	(0%)	0.00	0%
asmicro/vector-read-int-3.as	0.14	0%	0.00	0%	(0.33)	(0%)	0.00	0%
asmicro/vector-read-int-6.as	(0.07)	(0%)	0.00	0%	(0.20)	(0%)	0.00	0%
asmicro/string-charAt-1.as	(0.33)	(0%)	0.00	0%	(1.00)	(0%)	0.00	0%
asmicro/vector-read-uint-4.as	(0.39)	(0%)	0.00	0%	(0.33)	(0%)	0.00	0%
asmicro/vector-read-int-1.as	(0.09)	(0%)	0.00	0%	(0.33)	(0%)	0.00	0%
misc/vector-to-bytearray-be.as	(0.13)	(0%)	0.00	0%	(0.33)	(0%)	0.00	0%
asmicro/do-1.as	(1.00)	(0%)	0.00	0%	(2.00)	(0%)	0.00	0%
asmicro/globalvar-write-1.as	(0.33)	(0%)	0.00	0%	(1.00)	(0%)	0.00	0%
misc/vector-to-bytearray-le.as	(0.12)	(0%)	0.00	0%	(0.33)	(0%)	0.00	0%
asmicro/for-3.as	(2.00)	(0%)	0.00	0%	(1.00)	(0%)	0.00	0%
misc/SHA256-vector.as	18.32	1%	(68.27)	(3%)	(0.67)	(0%)	0.00	0%
asmicro/array-read-Number-1.as	(0.08)	(0%)	0.00	0%	(0.18)	(0%)	0.00	0%
asmicro/vector-read-int-5.as	(0.07)	(0%)	0.00	0%	(0.13)	(0%)	0.00	0%
asmicro/bytearray-read-bool-1.as	0.01	0%	0.00	0%	(0.01)	(0%)	0.00	0%
asmicro/vector-write-uint-1.as	(0.06)	(0%)	(102.40)	(4%)	(0.12)	(0%)	0.00	0%
asmicro/funcall-1.as	0.00	0%	0.00	0%	(0.16)	(0%)	0.00	0%
asmicro/vector-write-int-5.as	0.00	0%	(204.80)	(10%)	(0.11)	(0%)	0.00	0%
asmicro/array-read-int-5.as	44.60	28%	0.00	0%	(0.11)	(0%)	0.00	0%

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
asmicro/array-read-length-1.as	0.03	0%	0.00	0%	(0.03)	(0%)	0.00	0%
asmicro/vector-write-Object-1.as	(1.12)	(2%)	(102.40)	(5%)	(0.02)	(0%)	68.27	3%
asmicro/bytearray-write-int-1.as	(0.10)	(1%)	0.00	0%	(0.01)	(0%)	0.00	0%
asmicro/bytearray-read-ushort-1.as	0.03	0%	0.00	0%	(0.01)	(0%)	0.00	0%
asmicro/string-split-1.as	0.08	1%	0.00	0%	(0.00)	(0%)	0.00	0%
asmicro/bytearray-read-float-1.as	0.40	4%	0.00	0%	(0.01)	(0%)	0.00	0%
asmicro/bytearray-write-byte-1.as	0.07	1%	0.00	0%	(0.01)	(0%)	0.00	0%
asmicro/isNaN-3.as	2.00	0%	0.00	0%	(1.33)	(0%)	0.00	0%
asmicro/isNaN-2.as	1.00	0%	0.00	0%	(1.33)	(0%)	0.00	0%
asmicro/string-charCodeAt-6.as	1.00	0%	0.00	0%	(0.67)	(0%)	0.00	0%
floatBench/dbl/dblMod.as	0.00	0%	0.00	0%	(0.33)	(0%)	0.00	0%
asmicro/funcall-2.as	0.34	0%	0.00	0%	(0.07)	(0%)	0.00	0%
floatBench/dbl/dblDiv.as	(0.33)	(0%)	0.00	0%	(0.33)	(0%)	0.00	0%
asmicro/vector-read-uint-1.as	(0.09)	(0%)	0.00	0%	(0.08)	(0%)	0.00	0%
asmicro/for-1.as	(3.33)	(0%)	0.00	0%	(0.33)	(0%)	0.00	0%
asmicro/closedvar-read-1.as	(4.66)	(0%)	0.00	0%	(0.33)	(0%)	0.00	0%
asmicro/bytearray-write-bytes-1.as	(0.66)	(2%)	(34.13)	(1%)	(0.00)	(0%)	0.00	0%
asmicro/array-read-int-1.as	(0.00)	(0%)	0.00	0%	0.00	0%	0.00	0%
asmicro/bytearray-read-double-2.as	0.76	7%	0.00	0%	0.00	0%	0.00	0%
asmicro/bytearray-read-int-1.as	0.46	4%	0.00	0%	0.00	0%	0.00	0%
asmicro/bytearray-read-int-2.as	0.24	2%	0.00	0%	0.00	0%	0.00	0%
asmicro/bytearray-read-ushort-2.as	0.11	1%	0.00	0%	0.00	0%	0.00	0%
asmicro/bytearray-write-float-2.as	(0.06)	(1%)	0.00	0%	0.00	0%	0.00	0%
asmicro/bytearray-write-short-1.as	(0.03)	(0%)	0.00	0%	0.00	0%	0.00	0%
asmicro/bytearray-write-uint-1.as	(0.10)	(1%)	0.00	0%	0.00	0%	0.00	0%
asmicro/bytearray-write-uint-2.as	(0.01)	(0%)	0.00	0%	0.00	0%	0.00	0%
asmicro/closedvar-write-2.as	(2.33)	(0%)	0.00	0%	0.00	0%	0.00	0%
asmicro/object-read-length-1.as	0.00	0%	0.00	0%	0.00	0%	0.00	0%
asmicro/string-charCodeAt-4.as	(2.00)	(0%)	0.00	0%	0.00	0%	0.00	0%
asmicro/vector-read-int-7.as	0.21	0%	0.00	0%	0.00	0%	0.00	0%
asmicro/vector-read-uint-3.as	(0.66)	(0%)	0.00	0%	0.00	0%	0.00	0%
asmicro/vector-write-Boolean-1.as	(7.95)	(9%)	(68.27)	(3%)	0.00	0%	0.00	0%
asmicro/vector-write-int-2.as	(0.13)	(0%)	(102.40)	(4%)	0.00	0%	0.00	0%
asmicro/vector-write-int-4.as	0.00	0%	(204.80)	(10%)	0.00	0%	0.00	0%
language/e4x/simpleStringConcatenation.as	0.33	25%	(34.13)	(1%)	0.00	0%	(34.13)	(1%)
language/e4x/usingAppendChildAndE4X.as	0.67	2%	(204.80)	(6%)	0.00	0%	136.53	4%
language/string/append_concat.as	0.00	0%	(136.53)	(1%)	0.00	0%	(443.73)	(2%)
language/string/search.as	0.00	0%	0.00	0%	0.00	0%	0.00	0%
language/string/substr.as	(1.33)	(1%)	(204.80)	(4%)	0.00	0%	(68.27)	(1%)

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
language/string/typed/append_equal_plus.as	1.33	3%	(102.40)	(0%)	0.00	0%	(409.60)	(2%)
language/string/typed/charAt.as	(0.67)	(7%)	68.27	0%	0.00	0%	0.00	0%
language/string/typed/charCodeAt.as	0.00	0%	68.27	0%	0.00	0%	0.00	0%
language/string/typed/search.as	(0.33)	(1%)	0.00	0%	0.00	0%	34.13	1%
language/string/typed/substring.as	(0.67)	(1%)	(68.27)	(1%)	0.00	0%	0.00	0%
misc/primes.as	(1.00)	(0%)	0.00	0%	0.00	0%	0.00	0%
misc/SHA256-array.as	4.66	0%	0.00	0%	0.00	0%	0.00	0%
misc/vector-to-bytearray-worst.as	0.10	0%	0.00	0%	0.00	0%	0.00	0%
sunspider-0.9.1/js/crypto-sha1.as	0.67	8%	0.00	0%	0.00	0%	0.00	0%
sunspider-0.9.1/typed/bitops-3bit-bits-in-byte.as	0.00	0%	0.00	0%	0.00	0%	0.00	0%
sunspider-0.9.1/typed/bitops-nsieve-bits.as	0.00	0%	0.00	0%	0.00	0%	0.00	0%
sunspider-0.9.1/typed/controlflow-recursive.as	0.33	13%	0.00	0%	0.00	0%	0.00	0%
sunspider-0.9.1/typed/crypto-aes.as	(0.33)	(2%)	(102.40)	(5%)	0.00	0%	136.53	6%
sunspider/access-binary-trees.as	(0.67)	(3%)	0.00	0%	0.00	0%	0.00	0%
sunspider/as3/bitops-3bit-bits-in-byte.as	(0.33)	(10%)	0.00	0%	0.00	0%	0.00	0%
sunspider/as3/bitops-bits-in-byte.as	0.00	0%	0.00	0%	0.00	0%	0.00	0%
sunspider/as3/bitops-nsieve-bits.as	1.33	10%	0.00	0%	0.00	0%	0.00	0%
sunspider/as3/crypto-aes.as	(0.67)	(3%)	0.00	0%	0.00	0%	34.13	2%
sunspider/as3/crypto-sha1.as	0.00	0%	0.00	0%	0.00	0%	0.00	0%
sunspider/as3/s3d-raytrace.as	0.33	2%	0.00	0%	0.00	0%	0.00	0%
sunspider/as3vector/access-fannkuch.as	0.33	2%	0.00	0%	0.00	0%	0.00	0%
sunspider/as3vector/bitops-nsieve-bits.as	0.00	0%	0.00	0%	0.00	0%	0.00	0%
sunspider/as3vector/math-cordic.as	(0.33)	(4%)	0.00	0%	0.00	0%	0.00	0%
sunspider/as3vector/math-spectral-norm.as	0.33	3%	0.00	0%	0.00	0%	0.00	0%
sunspider/as3vector/s3d-morph.as	(0.33)	(4%)	0.00	0%	0.00	0%	204.80	9%
v8.5/optimized/regexp.as	0.00	0%	0.00	0%	0.00	0%	68.27	2%
asmicro/vector-read-char-2.as	0.00	0%	0.00	0%	0.00	0%	0.00	0%
asmicro/vector-write-Number-1.as	0.40	0%	(34.13)	(1%)	0.00	0%	34.13	1%
asmicro/lookup-negindex-object-1.as	7.48	1%	0.00	0%	0.00	0%	204.80	7%
jsmicro/string-casechange-2.as	0.36	1%	0.00	0%	0.00	0%	0.00	0%
asmicro/closedvar-write-1.as	(2.33)	(0%)	0.00	0%	0.33	0%	0.00	0%
asmicro/isNaN-1.as	0.67	0%	0.00	0%	1.00	0%	0.00	0%
v8.5/js/splay.as	158.33	14%	0.00	0%	0.33	0%	0.00	0%
asmicro/bytearray-read-utf-2.as	(0.19)	(4%)	(204.80)	(7%)	0.00	0%	0.00	0%
asmicro/bytearray-write-int-2.as	(0.01)	(0%)	0.00	0%	0.01	0%	0.00	0%
asmicro/bytearray-read-byte-1.as	0.19	2%	0.00	0%	0.01	0%	0.00	0%
asmicro/bytearray-read-ubyte-1.as	0.12	1%	0.00	0%	0.01	0%	0.00	0%
asmicro/alloc-4.as	0.64	1%	0.00	0%	0.02	0%	0.00	0%
asmicro/array-read-int-7.as	48.67	31%	0.00	0%	0.11	0%	0.00	0%

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
asmicro/vector-read-int-2.as	(0.52)	(0%)	0.00	0%	0.25	0%	0.00	0%
asmicro/switch-1.as	(0.36)	(0%)	0.00	0%	0.33	0%	0.00	0%
asmicro/bytearray-write-position-1.as	(0.20)	(0%)	0.00	0%	0.07	0%	0.00	0%
floatBench/dbl/dblMul.as	(0.33)	(0%)	0.00	0%	0.33	0%	0.00	0%
asmicro/vector-read-Number-1.as	1.09	0%	0.00	0%	0.33	0%	0.00	0%
jsbench/typed/SOR.as	(8.00)	(0%)	(3208.53)	(12%)	0.67	0%	0.00	0%
asmicro/lookup-object-fetch-1.as	(18.98)	(2%)	(102.40)	(1%)	0.46	0%	0.00	0%
floatBench/dbl/dblAdd.as	0.00	0%	0.00	0%	0.33	0%	0.00	0%
asmicro/array-read-C-1.as	(0.35)	(0%)	0.00	0%	0.33	0%	0.00	0%
asmicro/string-charCodeAt-7.as	1.00	0%	0.00	0%	1.67	0%	0.00	0%
asmicro/alloc-13.as	(0.40)	(0%)	0.00	0%	0.08	0%	0.00	0%
asmicro/array-shift-1.as	(1.94)	(1%)	(102.40)	(3%)	0.10	0%	68.27	2%
asmicro/vector-write-uint-2.as	(0.13)	(0%)	(68.27)	(3%)	0.24	0%	0.00	0%
jsmicro/array-push-1.as	(0.05)	(0%)	0.00	0%	0.04	0%	0.00	0%
asmicro/bytearray-read-bytes-2.as	(0.32)	(0%)	102.40	2%	0.68	0%	0.00	0%
asmicro/vector-nested-read-Number-1.as	(0.00)	(0%)	0.00	0%	0.24	0%	0.00	0%
asmicro/string-charCodeAt-2.as	(0.33)	(0%)	0.00	0%	2.00	0%	0.00	0%
asmicro/alloc-11.as	0.17	1%	0.00	0%	0.02	0%	0.00	0%
asmicro/bytearray-read-position-1.as	(3.86)	(2%)	0.00	0%	0.19	0%	0.00	0%
asmicro/vector-write-int-1.as	0.06	0%	(34.13)	(1%)	0.37	0%	0.00	0%
v8.5/js/richards.as	(3.33)	(1%)	(34.13)	(1%)	0.33	0%	0.00	0%
asmicro/vector-init-1.as	0.22	0%	0.00	0%	0.33	0%	0.00	0%
jsbench/typed/FFT.as	(0.33)	(0%)	955.73	4%	0.67	0%	1228.80	6%
asmicro/bytearray-write-utfbytes-2.as	0.02	0%	136.53	2%	0.05	0%	34.13	1%
jsmicro/array-sort-2.as	0.01	0%	(68.27)	(2%)	0.00	0%	0.00	0%
asmicro/lookup-negindex-object-2.as	3.99	1%	(102.40)	(4%)	0.67	0%	34.13	1%
asmicro/bytearray-read-utfbytes-2.as	(0.17)	(4%)	(204.80)	(7%)	0.01	0%	(34.13)	(1%)
jsbench/typed/HeapSort.as	0.67	0%	0.00	0%	1.00	0%	0.00	0%
language/string/static_latin1_array_100.as	(2.00)	(1%)	170.67	1%	0.67	0%	(34.13)	(0%)
asmicro/vector-init-2.as	(3.61)	(1%)	0.00	0%	0.73	0%	0.00	0%
jsmicro/array-sort-1.as	0.24	1%	(512.00)	(11%)	0.07	0%	68.27	1%
asmicro/restarg-1.as	(104.56)	(9%)	0.00	0%	2.33	0%	0.00	0%
jsmicro/arguments-1.as	0.21	0%	0.00	0%	0.45	0%	0.00	0%
jsmicro/string-slice-1.as	(0.76)	(1%)	0.00	0%	0.16	0%	0.00	0%
asmicro/oop-1.as	(0.10)	(2%)	(5905.07)	(144%)	0.01	0%	3481.60	46%
asmicro/bytearray-read-utfbytes-1.as	(1.05)	(6%)	0.00	0%	0.10	0%	0.00	0%
asmicro/array-write-int-2.as	(0.78)	(2%)	(34.13)	(1%)	0.09	0%	102.40	3%
misc/gameoflife.as	(2.33)	(0%)	68.27	1%	3.00	0%	34.13	1%
v8.5/typed/regexp.as	(0.33)	(0%)	(34.13)	(1%)	0.33	0%	68.27	2%

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
asmicro/restarg-2.as	(35.92)	(5%)	0.00	0%	1.66	0%	0.00	0%
jsbench/Crypt.as	32.00	1%	(1570.13)	(1%)	7.00	0%	(648.53)	(1%)
asmicro/restarg-3.as	1.19	2%	0.00	0%	0.14	0%	0.00	0%
asmicro/array-pop-1.as	0.33	0%	(68.27)	(2%)	1.49	0%	0.00	0%
asmicro/arguments-1.as	(104.90)	(9%)	0.00	0%	3.66	0%	0.00	0%
asmicro/alloc-2.as	(1.22)	(5%)	0.00	0%	0.11	0%	0.00	0%
asmicro/alloc-14.as	(0.83)	(1%)	34.13	1%	0.35	0%	(68.27)	(2%)
asmicro/for-in-1.as	0.00	0%	0.00	0%	2.16	0%	0.00	0%
asmicro/alloc-12.as	0.11	1%	0.00	0%	0.08	0%	0.00	0%
sunspider/date-format-tofte.as	3.33	2%	(2662.40)	(68%)	0.67	0%	2764.80	41%
asmicro/array-foreach-method-sans-types.as	(3.88)	(1%)	0.00	0%	3.22	0%	0.00	0%
v8.5/typed/splay.as	14.67	1%	0.00	0%	8.33	1%	0.00	0%
asmicro/array-unshift-1.as	1.79	1%	0.00	0%	1.06	1%	0.00	0%
v8.5/typed/richards.as	0.00	0%	(34.13)	(1%)	29.33	1%	0.00	0%
asmicro/array-foreach-func.as	(0.29)	(0%)	0.00	0%	2.52	1%	0.00	0%
asmicro/funcall-3.as	(0.29)	(0%)	0.00	0%	2.66	1%	0.00	0%
asmicro/number-toString-1.as	(0.18)	(2%)	0.00	0%	0.06	1%	0.00	0%
v8/typed/raytrace.as	(84.33)	(1%)	(512.00)	(17%)	51.33	1%	1467.73	32%
jsmicro/array-sort-3.as	(0.02)	(0%)	68.27	1%	0.17	1%	0.00	0%
asmicro/string-indexOf-3.as	(0.00)	(0%)	0.00	0%	0.85	1%	0.00	0%
jsmicro/string-casechange-1.as	0.41	2%	0.00	0%	0.15	1%	0.00	0%
asmicro/alloc-5.as	0.72	2%	0.00	0%	0.29	1%	0.00	0%
asmicro/bytearray-read-utf-1.as	(1.72)	(9%)	0.00	0%	0.28	1%	0.00	0%
language/string/append_equal_plus.as	0.67	1%	375.47	1%	0.33	1%	34.13	0%
language/string/append_plus_equal.as	(0.33)	(1%)	(102.40)	(0%)	0.33	1%	0.00	0%
jsmicro/alloc-11.as	0.14	1%	0.00	0%	0.11	1%	0.00	0%
asmicro/bytearray-write-utf-2.as	(0.06)	(0%)	170.67	3%	0.23	1%	0.00	0%
language/string/typed/append_plus_equal.as	0.00	0%	(1877.33)	(7%)	0.33	1%	0.00	0%
v8.5/optimized/richards.as	16.67	0%	(170.67)	(5%)	39.67	1%	0.00	0%
jsmicro/arguments-3.as	0.04	0%	0.00	0%	0.17	1%	0.00	0%
misc/boids.as	(8.00)	(1%)	(8328.53)	(189%)	10.00	1%	8396.80	66%
asmicro/bytearray-write-bool-1.as	(0.06)	(1%)	0.00	0%	0.18	1%	0.00	0%
asmicro/switch-2.as	0.00	0%	0.00	0%	1.29	1%	0.00	0%
asmicro/alloc-6.as	0.84	1%	0.00	0%	0.87	1%	0.00	0%
asmicro/arguments-4.as	(0.01)	(0%)	0.00	0%	0.31	1%	0.00	0%
asmicro/for-in-2.as	(0.20)	(0%)	0.00	0%	4.50	1%	0.00	0%
asmicro/bytearray-write-byte-2.as	(1.69)	(2%)	0.00	0%	0.88	1%	0.00	0%
jsmicro/array-unshift-1.as	3.19	12%	0.00	0%	0.26	1%	0.00	0%
sunspider-0.9.1/js/string-validate-input.as	(0.67)	(2%)	(307.20)	(9%)	0.33	1%	0.00	0%

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
sunspider/string-unpack-code.as	4.33	4%	(102.40)	(3%)	1.33	1%	0.00	0%
sunspider-0.9.1/typed/access-fannkuch.as	0.00	0%	0.00	0%	0.33	1%	0.00	0%
asmicro/array-sort-3.as	(0.14)	(0%)	(68.27)	(1%)	0.32	1%	170.67	2%
jsbench/Series.as	208.67	3%	(2184.53)	(6%)	71.00	1%	6724.27	17%
v8.5/untyped/splay.as	20.67	1%	(68.27)	(0%)	18.33	1%	0.00	0%
jsmicro/array-slice-1.as	0.82	3%	0.00	0%	0.29	1%	0.00	0%
asmicro/lookup-negindex-array-1.as	5.49	1%	0.00	0%	6.19	1%	204.80	7%
asmicro/restarg-4.as	0.13	0%	0.00	0%	0.48	1%	0.00	0%
jsmicro/number-toString-1.as	(0.02)	(0%)	0.00	0%	0.15	2%	0.00	0%
jsmicro/lookup-array-in-1.as	(20.98)	(2%)	(477.87)	(8%)	19.31	2%	307.20	5%
jsmicro/lookup-object-in-1.as	(13.32)	(1%)	(102.40)	(1%)	18.32	2%	0.00	0%
jsmicro/oop-1.as	(0.17)	(3%)	(4266.67)	(104%)	0.07	2%	3481.60	46%
sunspider-0.9.1/js/bitops-bits-in-byte.as	(0.67)	(4%)	0.00	0%	0.33	2%	0.00	0%
asmicro/bytearray-write-float-1.as	(0.01)	(0%)	0.00	0%	0.34	2%	0.00	0%
asmicro/lookup-object-in-1.as	(44.62)	(3%)	(102.40)	(1%)	31.30	2%	0.00	0%
language/string/split.as	0.00	0%	0.00	0%	5.33	2%	0.00	0%
sunspider/access-fannkuch.as	(0.33)	(1%)	0.00	0%	1.00	2%	0.00	0%
sunspider/math-partial-sums.as	1.33	1%	(136.53)	(4%)	3.33	2%	68.27	2%
sunspider-0.9.1/js/math-partial-sums.as	1.00	1%	(2252.80)	(58%)	3.33	2%	2321.07	37%
jsmicro/lookup-array-fetch-1.as	5.00	1%	(204.80)	(4%)	12.11	2%	102.40	2%
asmicro/array-slice-1.as	1.21	4%	0.00	0%	0.56	2%	0.00	0%
sunspider/as3vector/string-fasta.as	(1.00)	(4%)	(34.13)	(1%)	0.33	2%	34.13	1%
language/string/typed/split.as	1.00	0%	0.00	0%	6.67	2%	341.33	0%
asmicro/lookup-array-in-1.as	(56.94)	(3%)	(204.80)	(4%)	46.29	2%	102.40	2%
asmicro/lookup-array-fetch-1.as	10.99	1%	(204.80)	(4%)	16.88	3%	170.67	3%
sunspider/as3/access-nsieve.as	0.00	0%	(102.40)	(2%)	0.33	3%	1024.00	21%
sunspider/access-nbody.as	(1.00)	(2%)	(648.53)	(16%)	1.67	3%	648.53	14%
sunspider/crypto-md5.as	(0.67)	(7%)	(102.40)	(5%)	0.33	3%	34.13	2%
v8.5/untyped/richards.as	(3.67)	(1%)	(68.27)	(3%)	16.00	3%	102.40	4%
sunspider-0.9.1/typed/math-cordic.as	(1.00)	(9%)	(204.80)	(6%)	0.33	3%	102.40	3%
jsbench/FFT.as	(52.67)	(1%)	(21060.27)	(35%)	177.00	3%	22971.73	28%
asmicro/arguments-3.as	0.27	1%	0.00	0%	0.89	4%	0.00	0%
jsmicro/alloc-5.as	0.73	2%	0.00	0%	1.53	4%	0.00	0%
sunspider/as3vector/access-nsieve.as	0.00	0%	0.00	0%	0.33	4%	0.00	0%
language/string/lastIndexOf.as	1.00	1%	0.00	0%	7.33	4%	0.00	0%
language/string/typed/lastIndexOf.as	0.67	0%	0.00	0%	7.33	4%	0.00	0%
sunspider/as3/string-fasta.as	(2.33)	(9%)	68.27	2%	1.33	5%	68.27	2%
sunspider/as3/access-binary-trees.as	0.00	0%	0.00	0%	0.33	5%	0.00	0%
sunspider-0.9.1/js/s3d-raytrace.as	1.33	3%	(34.13)	(1%)	2.67	5%	(34.13)	(1%)

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
sunspider-0.9.1/typed/s3d-raytrace.as	(0.67)	(11%)	(102.40)	(3%)	0.33	5%	(34.13)	(1%)
sunspider-0.9.1/js/s3d-morph.as	(4.33)	(11%)	(3003.73)	(55%)	2.33	5%	2730.67	33%
jsbench/SparseMatmult.as	(122.67)	(2%)	(25565.87)	(69%)	417.67	5%	28057.60	44%
v8/raytrace.as	(263.67)	(7%)	(8908.80)	(192%)	205.00	6%	9352.53	67%
floatBench/dbl/numMod.as	(138.67)	(7%)	(27682.13)	(659%)	119.33	6%	26692.27	87%
asmicro/array-init-4.as	4.07	1%	0.00	0%	19.97	6%	0.00	0%
jsbench/Euler.as	(248.00)	(5%)	(20275.20)	(131%)	301.33	6%	20787.20	57%
sunspider/math-cordic.as	(1.67)	(4%)	(1399.47)	(36%)	2.67	7%	1536.00	28%
sunspider/crypto-sha1.as	(0.67)	(8%)	0.00	0%	0.67	7%	0.00	0%
language/e4x/concatenatingStringsFromE4X.as	(0.33)	(6%)	(34.13)	(1%)	0.33	7%	(68.27)	(2%)
sunspider-0.9.1/typed/math-spectral-norm.as	(0.33)	(7%)	0.00	0%	0.33	7%	0.00	0%
v8.5/untyped/raytrace.as	(303.67)	(7%)	(9250.13)	(199%)	281.67	7%	9796.27	68%
sunspider-0.9.1/js/crypto-md5.as	0.00	0%	0.00	0%	0.67	8%	34.13	2%
jsbench/SOR.as	(1,348.00)	(6%)	1024.00	1%	1894.00	8%	(4164.27)	(6%)
jsbench/typed/Euler.as	(1,008.67)	(17%)	(24166.40)	(280%)	145.33	8%	27716.27	80%
sunspider-0.9.1/js/string-unpack-code.as	(18.33)	(1%)	102.40	1%	292.33	8%	(682.67)	(4%)
asmicro/string-charCodeAt-5.as	(0.33)	(0%)	0.00	0%	112.22	9%	0.00	0%
scimark/LU.as	(184.33)	(9%)	(24917.33)	(401%)	195.33	9%	24917.33	80%
sunspider-0.9.1/typed/string-unpack-code.as	(10.67)	(0%)	(1297.07)	(8%)	306.00	9%	1638.40	10%
v8.5/untyped/crypto.as	(10.00)	(1%)	(102.40)	(5%)	82.00	9%	0.00	0%
sunspider/as3/s3d-morph.as	(2.33)	(13%)	(68.27)	(2%)	1.67	9%	(68.27)	(2%)
sunspider/math-spectral-norm.as	(4.00)	(22%)	0.00	0%	2.00	10%	102.40	3%
sunspider-0.9.1/js/access-nbody.as	(5.67)	(10%)	(3481.60)	(86%)	6.00	10%	3379.20	45%
sunspider-0.9.1/typed/s3d-morph.as	(5.00)	(16%)	(3072.00)	(56%)	3.33	10%	3037.87	35%
sunspider/bitops-3bit-bits-in-byte.as	(0.67)	(11%)	0.00	0%	0.67	10%	0.00	0%
sunspider-0.9.1/js/math-cordic.as	(5.00)	(13%)	(3481.60)	(88%)	4.67	11%	3276.80	45%
jsmicro/string-lastIndexOf-2.as	(1.06)	(1%)	0.00	0%	7.84	12%	0.00	0%
language/string/replace.as	0.33	0%	(68.27)	(1%)	44.00	13%	(68.27)	(1%)
jsmicro/string-lastIndexOf-3.as	(1.43)	(2%)	0.00	0%	8.90	13%	0.00	0%
jsbench/typed/Series.as	(710.33)	(14%)	(27170.13)	(577%)	751.00	14%	27545.60	86%
jsbench/Moldyn.as	(1,005.33)	(14%)	(26828.80)	(546%)	1162.33	14%	27545.60	85%
sunspider-0.9.1/typed/math-partial-sums.as	0.00	0%	0.00	0%	1.00	14%	0.00	0%
scimark/FFT.as	(210.67)	(15%)	(26419.20)	(561%)	247.33	15%	26248.53	85%
sunspider/s3d-cube.as	(9.67)	(19%)	(3345.07)	(78%)	9.67	16%	3447.47	45%
scimark/SOR.as	(258.00)	(16%)	(25668.27)	(411%)	310.00	16%	26112.00	82%
sunspider/as3/bitops-bitwise-and.as	0.00	0%	0.00	0%	0.33	17%	0.00	0%
sunspider-0.9.1/typed/access-binary-trees.as	(0.67)	(13%)	0.00	0%	1.00	17%	0.00	0%
language/string/typed/replace.as	12.33	4%	204.80	3%	62.67	18%	238.93	4%
jsmicro/alloc-10.as	(2.39)	(18%)	(18636.80)	(414%)	2.02	18%	18397.87	81%

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
asmicro/alloc-10.as	(2.43)	(18%)	(18773.33)	(417%)	2.26	20%	18807.47	81%
asmicro/array-write-Number-2.as	(3.17)	(17%)	(25224.53)	(560%)	3.31	21%	25156.27	85%
sunspider/as3/controlflow-recursive.as	0.00	0%	0.00	0%	0.67	22%	0.00	0%
floatBench/dbl/numAdd.as	(2,629.33)	(29%)	(29696.00)	(644%)	2977.00	25%	27374.93	86%
asmicro/array-write-Number-1.as	(5.01)	(19%)	(26726.40)	(593%)	5.48	26%	26794.67	86%
floatBench/dbl/numSub.as	(2,601.33)	(30%)	(29184.00)	(633%)	2924.00	26%	26828.80	86%
floatBench/dbl/numDiv.as	(2,607.00)	(30%)	(26965.33)	(585%)	2966.00	27%	27921.07	86%
floatBench/dbl/numDec.as	(1,747.33)	(31%)	(27238.40)	(591%)	1985.00	27%	27716.27	86%
floatBench/dbl/numInc.as	(1,758.00)	(31%)	(27784.53)	(603%)	1999.33	27%	26726.40	86%
floatBench/dbl/numMul.as	(2,616.67)	(31%)	(27340.80)	(593%)	2998.33	27%	27374.93	86%
floatBench/dbl/numNeg.as	(905.67)	(32%)	(26999.47)	(586%)	1011.33	27%	27136.00	86%
jsmicro/for-2.as	(51.43)	(20%)	(26999.47)	(613%)	58.16	30%	26589.87	86%
jsmicro/for-3.as	(43.35)	(23%)	(26828.80)	(595%)	45.00	31%	28979.20	87%
asmicro/string-lastIndexOf-3.as	0.93	1%	0.00	0%	48.30	33%	0.00	0%
asmicro/string-lastIndexOf-2.as	(0.56)	(0%)	0.00	0%	49.53	36%	0.00	0%
jsmicro/alloc-9.as	(4.31)	(29%)	(16520.53)	(364%)	4.24	41%	17066.67	79%
asmicro/alloc-8.as	(4.37)	(29%)	(16315.73)	(362%)	4.36	41%	16622.93	79%
jsmicro/alloc-8.as	(4.50)	(30%)	(16349.87)	(363%)	4.27	41%	16964.27	79%
asmicro/alloc-9.as	(4.60)	(30%)	(15872.00)	(352%)	4.52	42%	16452.27	79%