Benchmark Results

all times in µs Benchmark:	n	OBXMC 21-08-28 Mono 3 Linux average		OBXMC 21-08-28 Mono 3 Win average	factor	OBXMC 21-08-28 Mono 5 Win average	factor	OBXMC 21-08-28 .Net 4.0 Win average	factor	OBXMC 21-08-28 CoreCLR 3.1 Win average	factor	OBXMC 21-08-28 CoreCLR 5.0 Win average	factor
DeltaBlue	12000/1	32	1.0	58	1.8	59	1.8	59	1.8	45	1.4	45	1.4
Richards	100/1	6'866	1.0	11'406	1.7	10'468	1.5	9'217	1.3	8'322	1.2	8'832	1.3
Json	100/1	7'679	1.0	12'342	1.6	12'031	1.6	8'593	1.1	7'996	1.0	6'833	0.9
Havlak	10/1	1'087'598	1.0	1'814'008	1.7	1'584'322	1.5	1'812'443	1.7	1'659'243	1.5	1'538'682	1.4
CD	250/2	1'899	1.0	3'249	1.7	2'812	1.5	5'062	2.7	2'299	1.2	2'083	1.1
Bounce	1500/1	116	1.0	187	1.6	177	1.5	197	1.7	206	1.8	180	1.6
List	1500/1	206	1.0	374	1.8	343	1.7	229	1.1	166	0.8	129	0.6
Mandelbrot	500/1	3	1.0	0	0.1	0	0.1	0	0.1	7	2.3	7	2.3
NBody	250000/1	4	1.0	3	0.8	10	2.5	6	1.5	5	1.3	4	1.0
Permute	1000/1	216	1.0	421	1.9	437	2.0	328	1.5	327	1.5	328	1.5
Queens	1000/1	200	1.0	312	1.6	343	1.7	250	1.3	276	1.4	269	1.3
Sieve	3000/1	86	1.0	156	1.8	171	2.0	156	1.8	63	0.7	62	0.7
Storage	1000/1	404	1.0	624	1.5	593	1.5	499	1.2	558	1.4	521	1.3
Towers	600/1	519	1.0	729	1.4	755	1.5	781	1.5	780	1.5	758	1.5
sum of averages:		1'105'828		1'843'869		1'612'521		1'837'820		1'680'293		1'558'733	
geomean of factors:			1.0		1.32		1.41		1.27		1.31		1.22
1/geomean:					0.76		0.71		0.78		0.76		0.82
speedup vs mono3 win:					1.0		0.94		1.04		1.01		1.08

All apps x86!   Mono 3.12.1   Mono 5.20.1.34   .NET CLR v4.0 v4.0.30319   CoreCLR v3.1.18 x86 runtime 3rd run (2nd equal, first like Mono5)   CoreCLR v5.0.9 x86 runtime 3rd run (first similar)

Test Machine:
Acer Aspire E5-532
MS Windows 10.0.17134 x64 Home
CPU Intel Celeron N3150 1.6GHz 4 Cores, 4GB DDR3 RAM

Here is the used Oberon+ version of the Are-we-fast-yet benchmark suite: https://github.com/rochus-keller/Oberon/tree/master/testcases/Are-we-fast-yet
Here are the used assemblies generated by OBXMC 2021-08-28: http://software.rochus-keller.ch/Are-we-fast-yet_CLI_2021-08-28.zip
NOTE: Mandelbrot showed 0us on Win with both Mono and .Net; unknown true value; set to 0.4

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