Benchmark Results

	Crystal 1.0			Node.js		LuaJIT 2.0		OBX IDE			OBXMC Mono3			OBXMC Mono5	
all times in μs		release		12.16		Lua 5.1		0.7.21	Ž	2021-07-11	:	2021-08-28	2	2021-08-28	
Benchmark:	n	average	factor	average	factor	average	factor	average	factor	average	factor	average	factor	average	factor
DeltaBlue	12000/1	18	0.1	63	0.2	348	1.0	116	0.3	113	0.3	32	0.1	41	0.1
Richards	100/1	1'877	0.0	5'773	0.1	39'705	1.0	19'897	0.5	22'785	0.6	6'866	0.2	7'321	0.2
Json	100/1	3'196	0.4	4'803	0.6	7'859	1.0	165'632	21.1	162'598	20.7	7'679	1.0	8'948	1.1
Havlak	10/1	984'323	0.1	481'671	0.1	8'185'360	1.0	4'440'679	0.5	4'441'696	0.5	1'087'598	0.1	1'151'781	0.1
CD	250/2	1'755	0.1	2'019	0.1	14'751	1.0	10'610	0.7	12'122	8.0	1'899	0.1	1'949	0.1
Bounce	1500/1	61	0.2	119	0.5	249	1.0	145	0.6	189	8.0	116	0.5	126	0.5
List	1500/1	67	0.1	208	0.3	676	1.0	651	1.0	666	1.0	206	0.3	222	0.3
Mandelbrot	500/1	1	0.5	12	6.0	2	1.0	2	1.0	2	1.0	3	1.5	11	5.5
NBody	250000/1			3	0.4	8	1.0	5	0.6	5	0.6	4	0.5	9	1.1
Permute	1000/1	202	0.6	168	0.5	328	1.0	526	1.6	566	1.7	216	0.7	272	8.0
Queens	1000/1	160	0.5	231	8.0	297	1.0	305	1.0	297	1.0	200	0.7	228	8.0
Sieve	3000/1	56	0.5	103	0.9	119	1.0	86	0.7	93	8.0	86	0.7	99	8.0
Storage	1000/1	778	0.4	310	0.1	2'202	1.0	2'219	1.0	2'214	1.0	404	0.2	384	0.2
Towers	600/1	275	0.9	307	1.0	299	1.0	524	1.8	507	1.7	519	1.7	482	1.6
sum of averages	:	992'769	0.12	495'790	0.06	8'252'203	1.0	4'641'397	0.6	4'643'853	0.6	1'105'828	0.1	1'171'873	0.1
geomean of factors:			0.24		0.39		1.0		1.00		1.04		0.40		0.51
1/geomean:			4.15		2.54		1.00		1.00		0.96		2.49		1.98
														1.26	

Mono 5.20.1.34

Mono 3.12.1

Benchmarks used from https://github.com/smarr/are-we-fast-yet commit 770c664 3.4.2020

Measurements done between 2021-07-07 - 2021-08-28

Testmachine: HP EliteBook 2530p, Intel Core Duo L9400 1.86GHz, 4GB RAM, Linux i386

All binaries compiled with GCC 4.8.2

LuaJIT params, deviations from default values:

 maxtrace
 100000

 maxrecord
 40000

 maxside
 100

 maxsnap
 1000

 sizemcode
 64

 maxmcode
 5120