Benchmark Results

all times in µs		**Crystal 1.0 --release**		**Node.js 12.16**		**LuaJIT 2.0 Lua 5.1**		**OBX IDE 0.7.21**		**OBXLJ 2021-07-11**		**OBX IDE 0.7.24 nojit**		
Benchmark:	*n*	*average*	*factor*	*average*	*factor*	*average*	*factor*	*average*	*factor*	*average*	*factor*	*average*	*factor*	*jit speedup*
DeltaBlue	12000/1	18	0.1	63	0.2	348	1.0	116	0.3	113	0.3	484	1.4	4.2
Richards	100/1	1'877	0.0	5'773	0.1	39'705	1.0	19'897	0.5	22'785	0.6	123'238	3.1	6.2
Json	100/1	3'196	0.4	4'803	0.6	7'859	1.0	165'632	21.1	162'598	20.7	210'687	26.8	1.3
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	8'928'147	1.1	2.0
CD	250/2	1'755	0.1	2'019	0.1	14'751	1.0	10'610	0.7	12'122	0.8	18'920	1.3	1.8
Bounce	1500/1	61	0.2	119	0.5	249	1.0	145	0.6	189	0.8	2'131	8.6	14.7
List	1500/1	67	0.1	208	0.3	676	1.0	651	1.0	666	1.0	1'707	2.5	2.6
Mandelbrot	500/1	1	0.5	12	6.0	2	1.0	2	1.0	2	1.0	3	1.5	1.5
NBody	250000/1			3	0.4	8	1.0	5	0.6	5	0.6	22	2.8	4.4
Permute	1000/1	202	0.6	168	0.5	328	1.0	526	1.6	566	1.7	893	2.7	1.7
Queens	1000/1	160	0.5	231	0.8	297	1.0	305	1.0	297	1.0	4'861	16.4	15.9
Sieve	3000/1	56	0.5	103	0.9	119	1.0	86	0.7	93	0.8	3'549	29.8	41.3
Storage	1000/1	778	0.4	310	0.1	2'202	1.0	2'219	1.0	2'214	1.0	5'415	2.5	2.4
Towers	600/1	275	0.9	307	1.0	299	1.0	524	1.8	507	1.7	5'997	20.1	11.4
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	9'306'054	1.1	
geomean of factors:			0.24		0.39		1.0		1.0		1.0		4.4	4.4

Benchmarks used from https://github.com/smarr/are-we-fast-yet commit 770c664 3.4.2020
Measurements done between 2021-07-07 - 2021-07-12
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