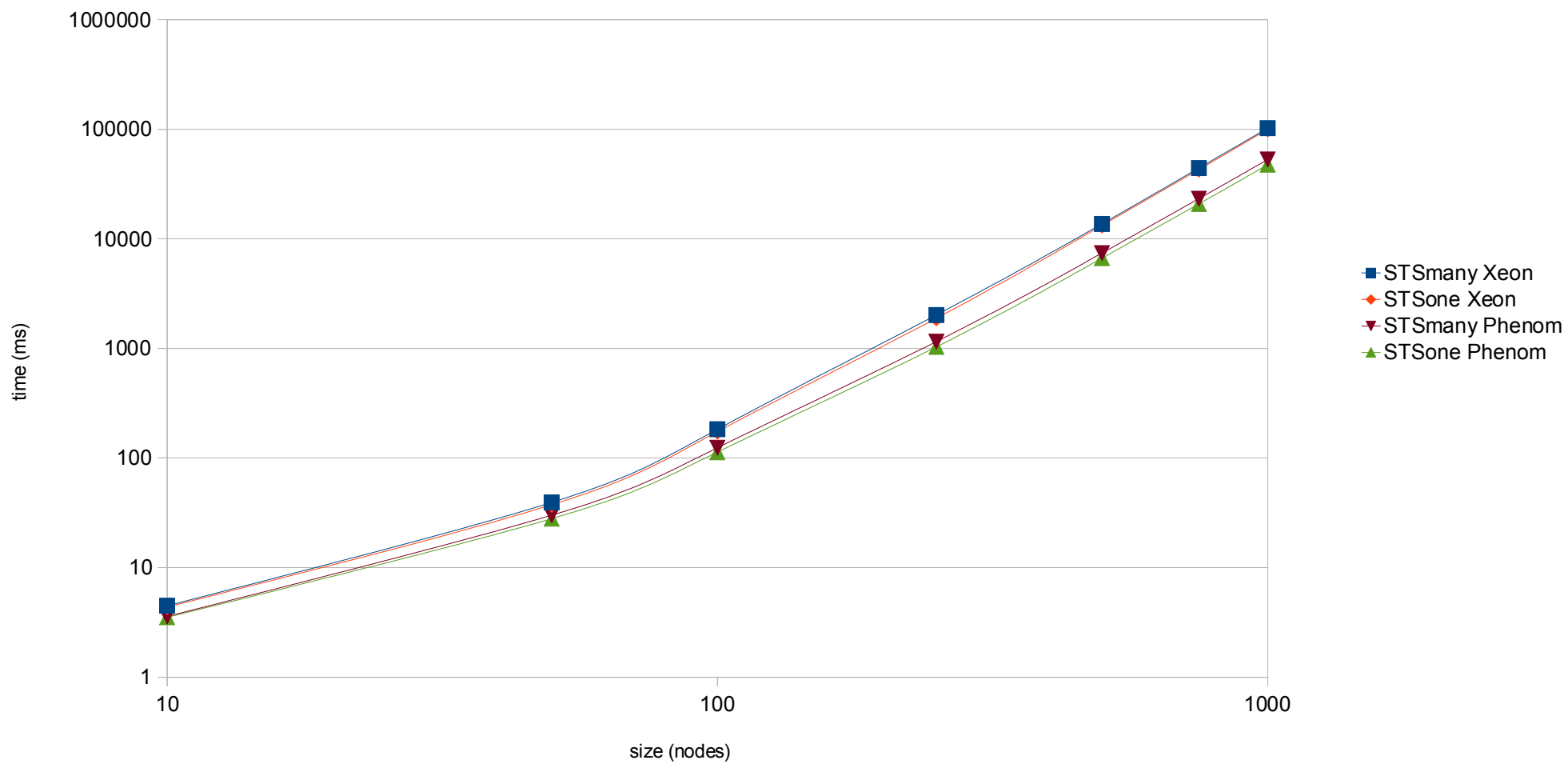


SimpleGT STS benchmark

Intel Xeon E5345 & AMD Phenom II 1055T



SimpleGT Benchmarks on a Dell PowerEdge 1950 Dual Quadcore Intel Xeon 2,33GHz (E5345) 8GB RAM

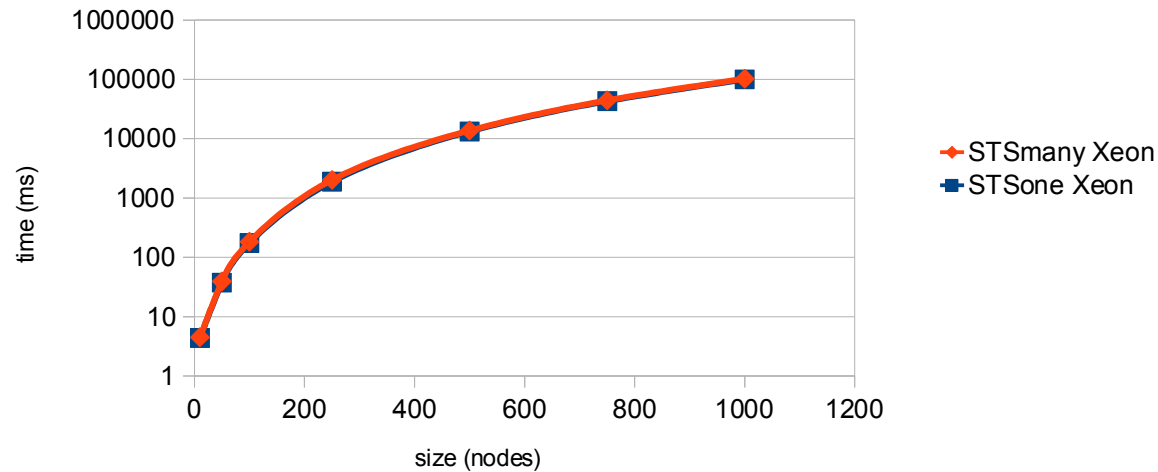
JIT warmup: run STSmany10 warmup (ms,iterations):

5.002183 5000

Size	STSmany Xeon						STSone Xeon					
	First run Runtime (ms)	Runs	Second run Runtime (ms)	Runs	Average Runtime (ms)	Runs	First run Runtime (ms)	Runs	Second run Runtime (ms)	Runs	Average Runtime (ms)	Runs
10	4.523422	5000	4.453311	5000	4.4883665	5000	4.445267	5000	4.276524	5000	4.3608955	5000
50	39.385119	1000	39.304167	1000	39.344643	1000	37.487881	1000	37.459207	1000	37.473544	1000
100	182.547468	500	183.487627	500	183.0175475	500	174.385746	500	173.889074	500	174.13741	500
250	2017.941446	100	2019.615116	100	2018.778281	100	1882.588016	100	1886.106131	100	1884.3470735	100
500	13665.166969	100	13719.396757	100	13692.281863	100	13236.146373	100	13254.730042	100	13245.4382075	100
750	44249.19023	50	44265.841516	50	44257.515873	50	42847.077152	50	42957.186285	50	42902.1317185	50
1000	102384.338306	20	102398.474936	20	102391.406621	20	100164.251657	20	99888.777042	20	100026.5143495	20

SimpleGT STS benchmark

Dual Quadcore Intel Xeon 2,33GHz (E5345)



SimpleGT Benchmarks on an AMD Phenom II X6 2,80GHz (1055T) 8GB RAM

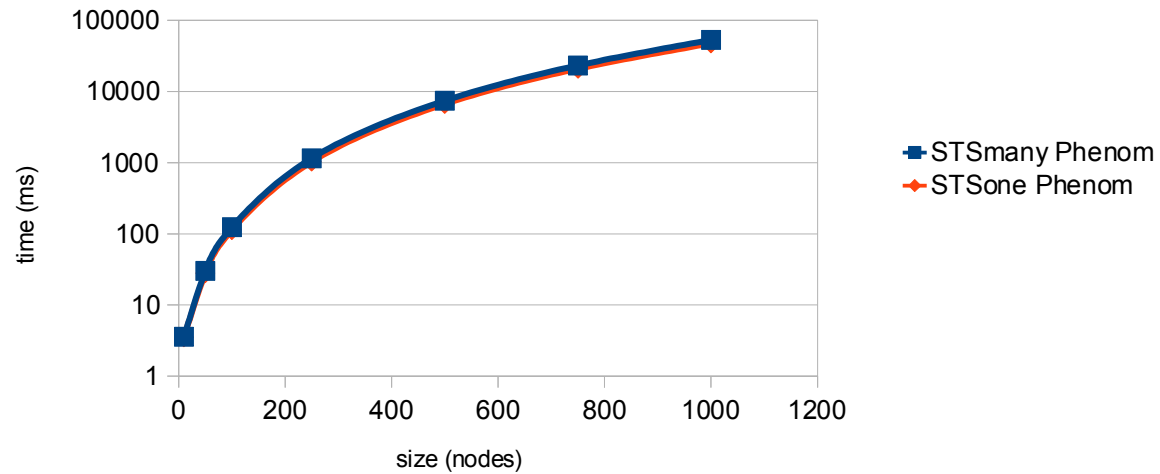
JIT warmup: run STSmany10 warmup (ms,iterations):

4.00061 5000

Size	STSmany Phenom						STSone Phenom					
	First run Runtime (ms)	Runs	Second run Runtime (ms)	Runs	Average Runtime (ms)	Runs	First run Runtime (ms)	Runs	Second run Runtime (ms)	Runs	Average Runtime (ms)	Runs
10	3.610572	5000	3.562464	5000	3.586518	5000	3.619404	5000	3.423888	5000	3.521646	5000
50	30.220593	1000	29.966904	1000	30.0937485	1000	27.980447	1000	27.892843	1000	27.936645	1000
100	124.297172	500	123.541574	500	123.919373	500	112.795042	500	113.34755	500	113.071296	500
250	1163.68684	100	1144.4009	100	1154.04387	100	1035.01223	100	1031.22096	100	1033.116595	100
500	7410.11241	100	7419.89154	100	7415.001975	100	6663.29397	100	6678.35159	100	6670.82278	100
750	23242.76686	50	23280.37928	50	23261.57307	50	20847.95692	50	20867.74816	50	20857.85254	50
1000	52771.662	20	53048.40725	20	52910.034625	20	47411.3341	20	47518.7319	20	47465.033	20

SimpleGT STS benchmark

AMD Phenom II X6 2,80GHz (1055T)



Varró STS Benchmarks

Size	STSmany PROGRESS runtime (ms)	STSmany AGG runtime (ms)	STSmany Fujaba runtime (ms)	STSmany VarróDB runtime (ms)	STSmany GrGen (PSQL) runtime (ms)	STSmany GrGen (SP) runtime (ms)	STSmany SimpleGT runtime (ms)
10	12	330	40	4697	30	1	5
100	946	8300	305	19825	760	1	242
1000	459000	6881000	4927	593500	27715	10	151873

*) SimpleGT figures are synthesized from Xeon and Phenom figures by adding the time difference between the two to the result.

Varró STS benchmark