

Sort Performance, More Detail

	weight	STL Sort	Sanders Sort	Quicksort	SampleSort	SampleSort
Cores		1	32	32	32	1
Uniform	.1	15.8	1.06	4.22	.82	20.2
Exponential	.1	10.8	.79	2.49	.53	13.8
Almost Sorted	.1	3.28	1.11	1.76	.27	5.67
Trigram Strings	.2	58.2	4.63	8.6	1.05	30.8
Strings Permuted	.2	82.5	7.08	28.4	1.76	49.3
Structure	.3	17.6	2.03	6.73	1.18	26.7
Average		36.4	3.24	10.3	.97	28.0

All inputs are 100,000,000 long.

All code written run on Cilk++ (also tested in Cilk+)

All experiments on 32 core Nehalem (4 X x7560)