

np	t1_unix	t2_unix	t3_unix	unix_avg	t1_borg	t2_borg	t3_borg	borg_avg
4	0.002817	0.003022	0.003852	0.003230	0.000162	0.000142	0.000130	0.000145
8	0.006264	0.005693	0.005465	0.005807	0.000223	0.000287	0.000178	0.000229
16	0.013128	0.01325	0.016946	0.014441	0.001308	0.001135	0.001224	0.001222
32	0.028208	0.027411	0.022077	0.025899	0.002265	0.002160	0.002377	0.002267
64	0.046466	0.046435	0.052499	0.048467	0.012002	0.005441	0.005197	0.007547
128	0.100137	0.094072	0.118531	0.104247	0.009195	0.009895	0.009811	0.009634
256	0.365666	0.305126	0.323084	0.331292	0.013304	0.013996	0.013904	0.013735

mpirun -np 8 -machinefile hosts ./proj2

mpicc proj2.c -Wall -o proj2

scp script_circSat_4p_1n_4.slurm bjs48@borg:~/cs374/exc2

sbatch script_circSat_16p_16n_256.slurm

p	job	p	job
4 t1	197296	32	
4 t2	197297		
4 t3	197298		
8 t1	197299		
8 t2	197300		
8 t3	197301		
16 t1	302		
16 t2	303		
16 t3	304		

Message Passing Around a Ring - Runtimes

