

“Game of Life”

Speed-Up Study: gameBlock.c

numProcs	runtime	Speed-up
1	2.1247069835662842e+00	1
2	2.0545091629028320e+00	1.03416768439
4	1.0226199626922607e+00	2.07770927723
8	5.1251912117004395e-01	4.14561505279
16	3.9161300659179688e-01	5.42552710917
32	1.4978194236755371e-01	14.1853346938
64	1.0118889808654785e-01	20.9974317711
128	1.1494207382202148e-01	18.4850239161

Speed-Up Study: gameNonBlock.c

numProcs	runtime	Speed-up
1	2.1210119724273682e+00	1
2	2.0850758552551270e+00	1.01723492077
4	1.0259709358215332e+00	2.06732169341
8	5.2888798713684082e-01	4.01032359216
16	2.5471210479736328e-01	8.32709530674
32	1.2664985656738281e-01	16.7470538847
64	6.3064813613891602e-02	33.6322562596
128	3.8228988647460938e-02	55.4817704435