

Multithreaded CUDA Program

Block 0

Block 1

Block 2

Block 3

Block 4

Block 5

Block 6

Block 7

GPU with 2 SMs

SM 0

SM 1

Block 0

Block 1

Block 2

Block 3

Block 4

Block 5

Block 6

Block 7

GPU with 4 SMs

SM 0

SM 1

SM 2

SM 3

Block 0

Block 1

Block 2

Block 3

Block 4

Block 5

Block 6

Block 7