

C Program
Sequential Execution

Serial code

Parallel kernel
Kernel0<<<>>>()

Serial code

Parallel Kernel
Kernel1<<<>>>()

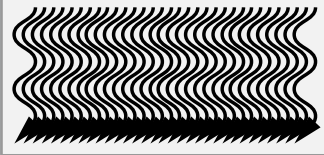
Host



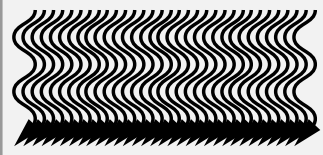
Device

Grid 0

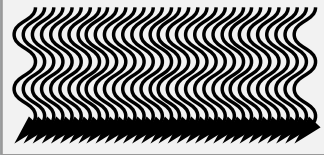
Block (0,0)



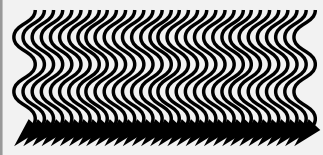
Block (1,0)



Block (0,1)



Block (1,1)



Host



Device

Grid 1

Block (0,0)



Block (1,0)



Block (2,0)



Block (3,0)



Block (0,1)



Block (1,1)



Block (2,1)



Block (3,1)

