

A **stream** is a series of instructions, and CUDA has a **default stream**

DEFAULT STREAM



By default, CUDA kernels run in the default stream

DEFAULT STREAM

kernel 1

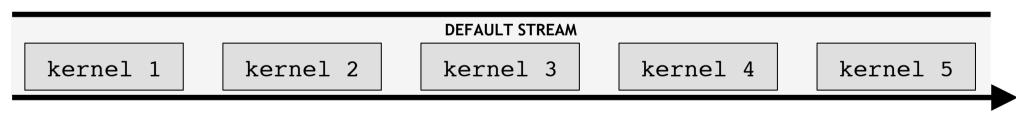


In any stream, including the default, an instruction in it (here a kernel launch) must complete before the next can begin

kernel 1 kernel 2 DEFAULT STREAM



In any stream, including the default, an instruction in it (here a kernel launch) must complete before the next can begin





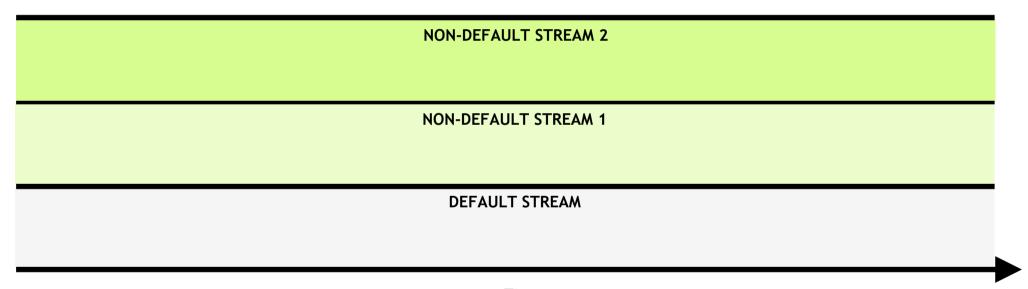
Non-default streams can also be created for kernel execution

NON-DEFAULT STREAM 1

DEFAULT STREAM



Non-default streams can also be created for kernel execution





Kernels within any single stream must execute in order

