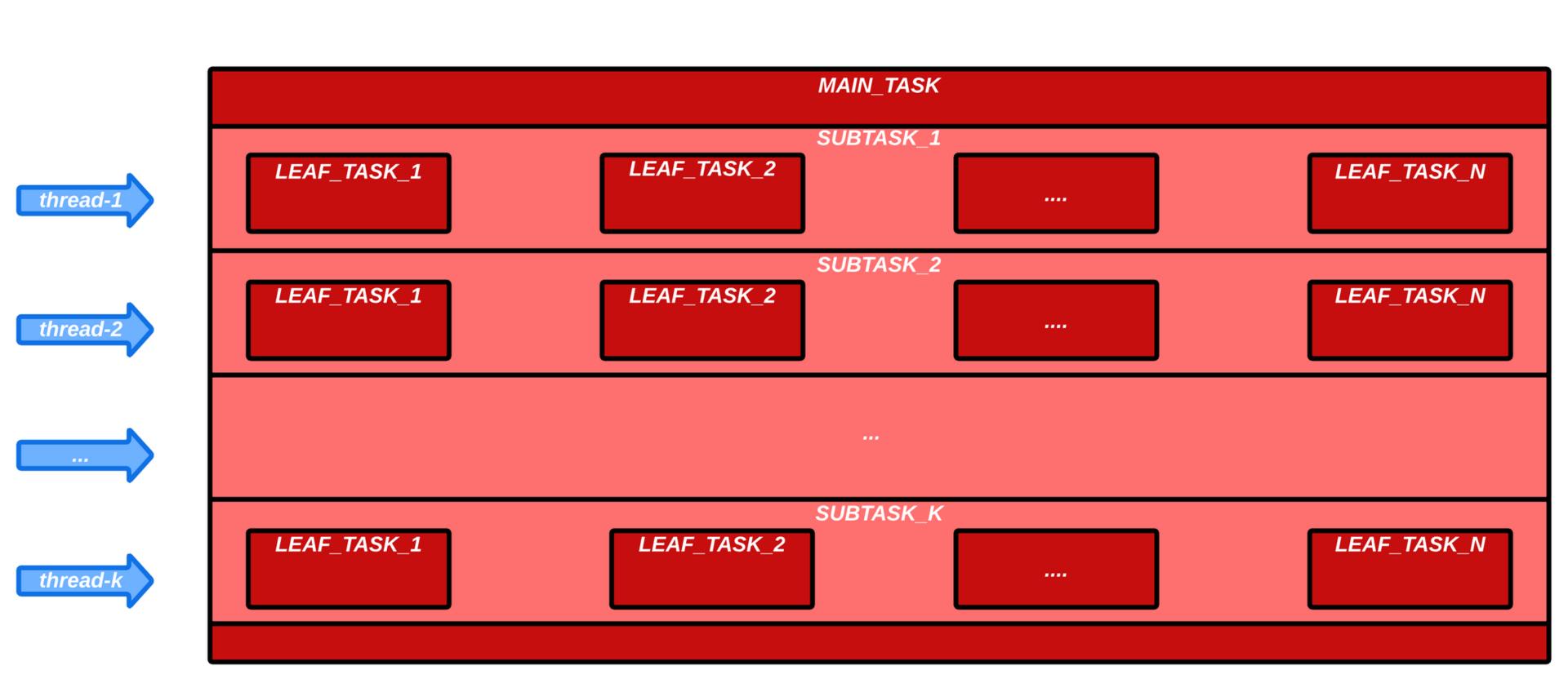
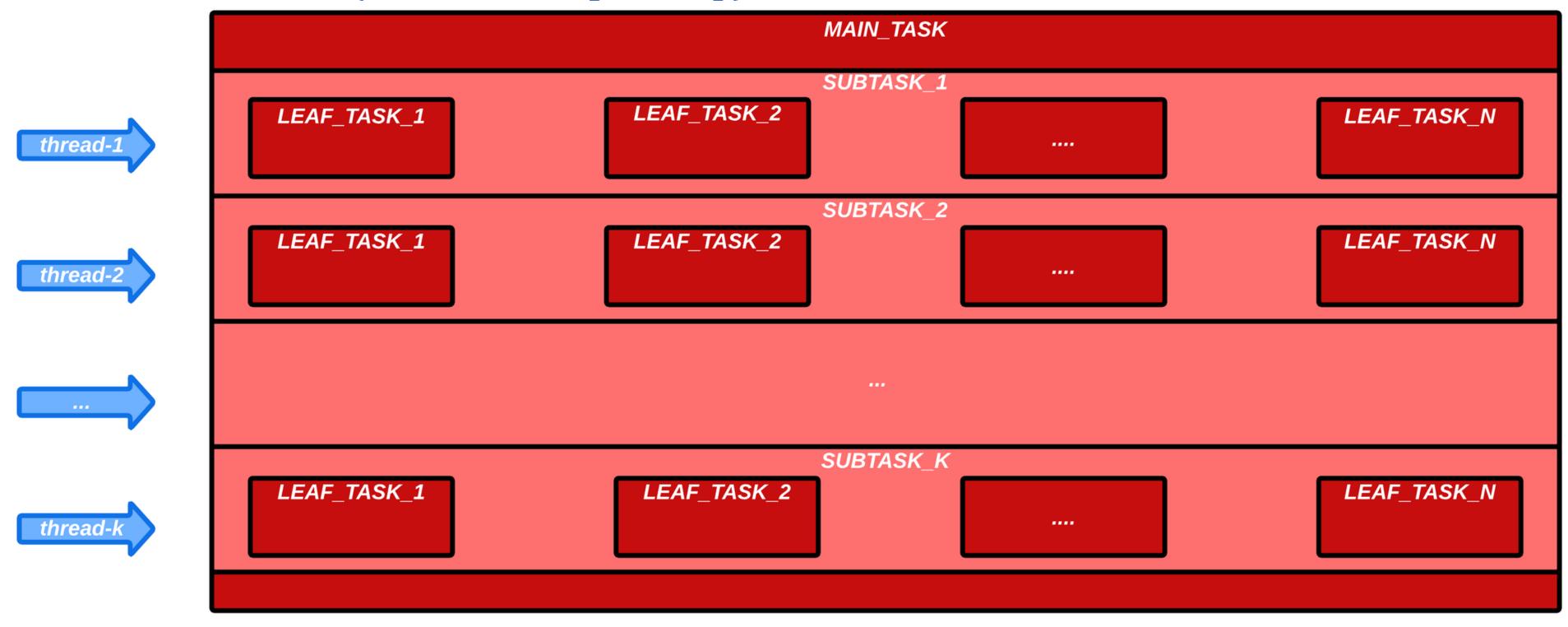
JAVA

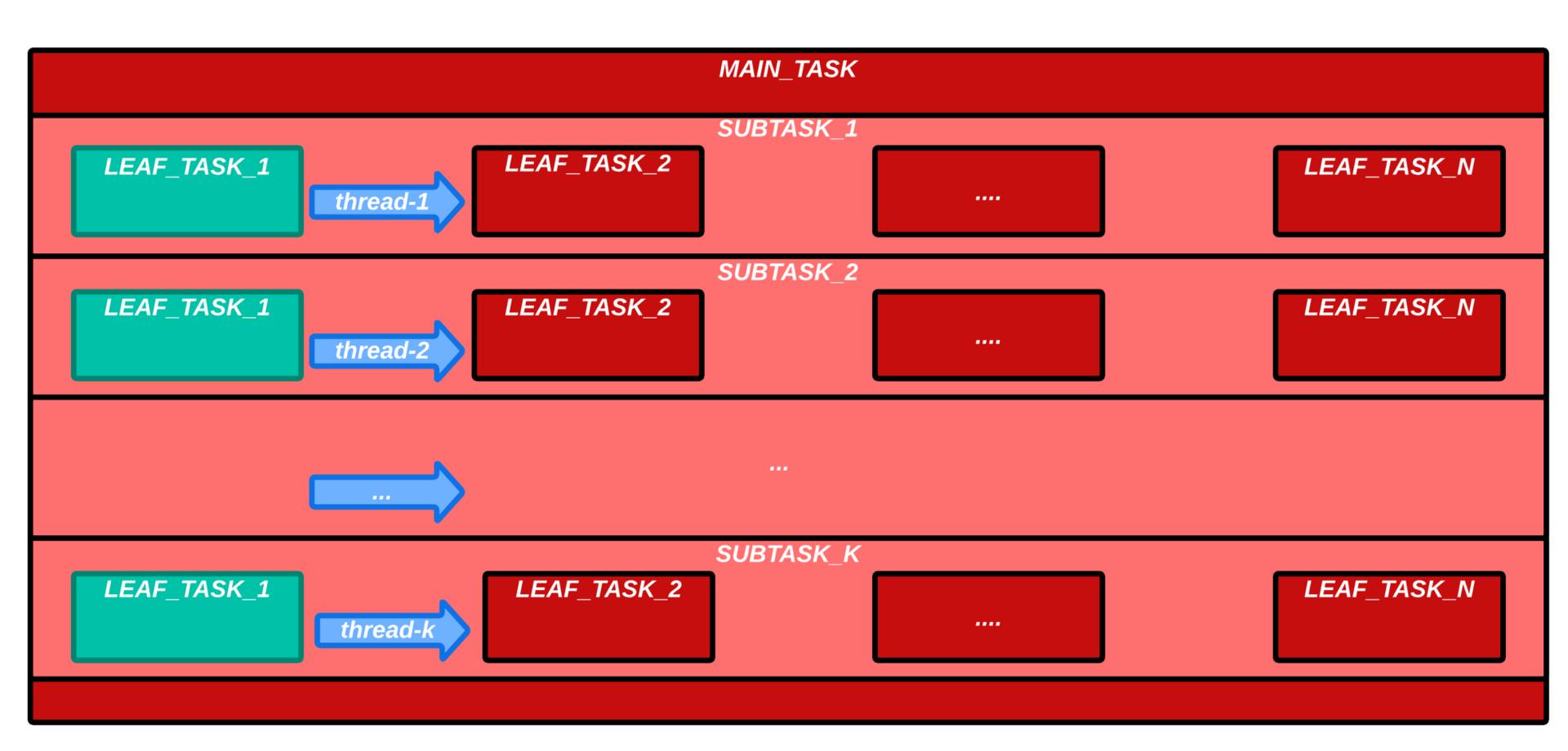


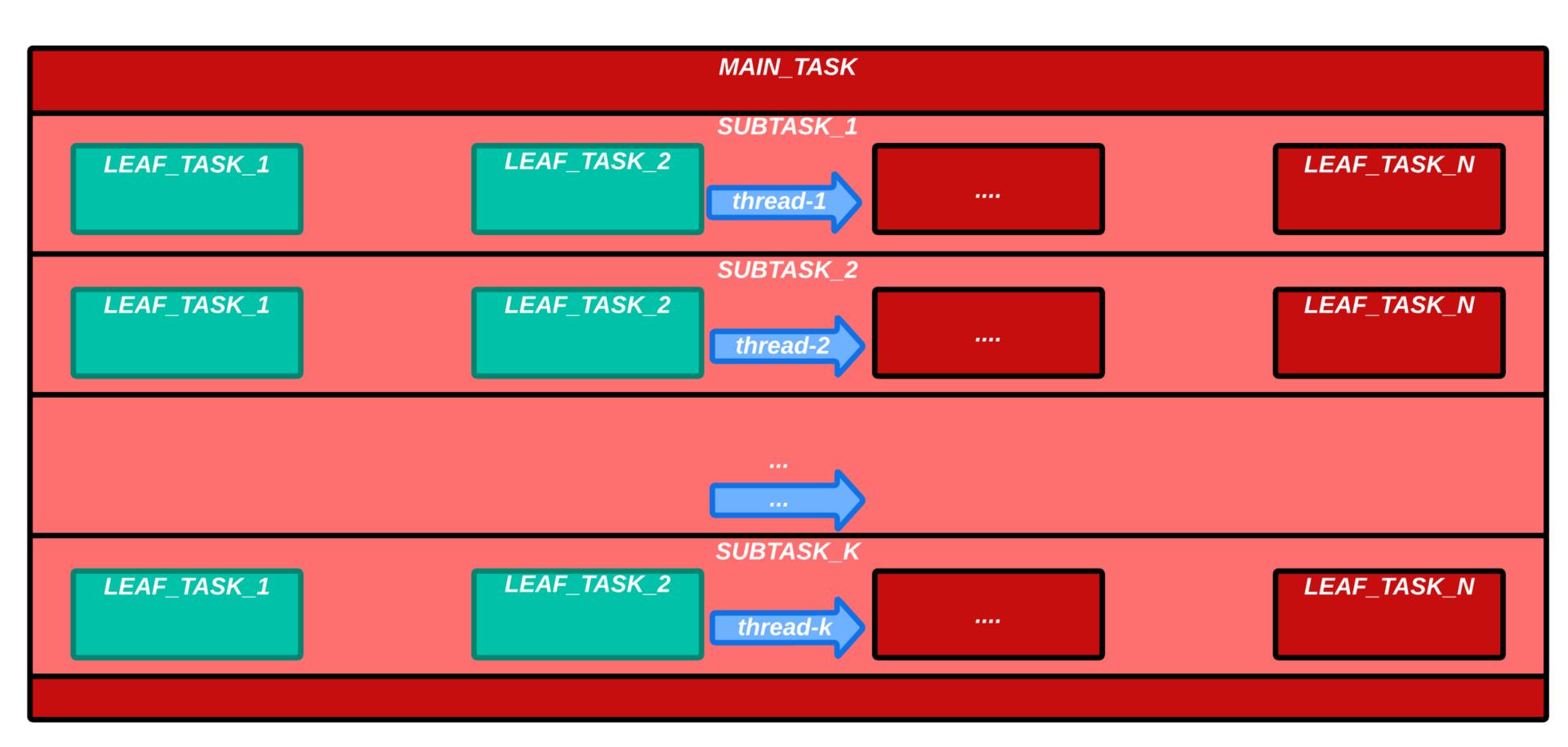
MHΟΓΟΠΟΤΟΥΗΟCΤЬ. CYCLICBARIER

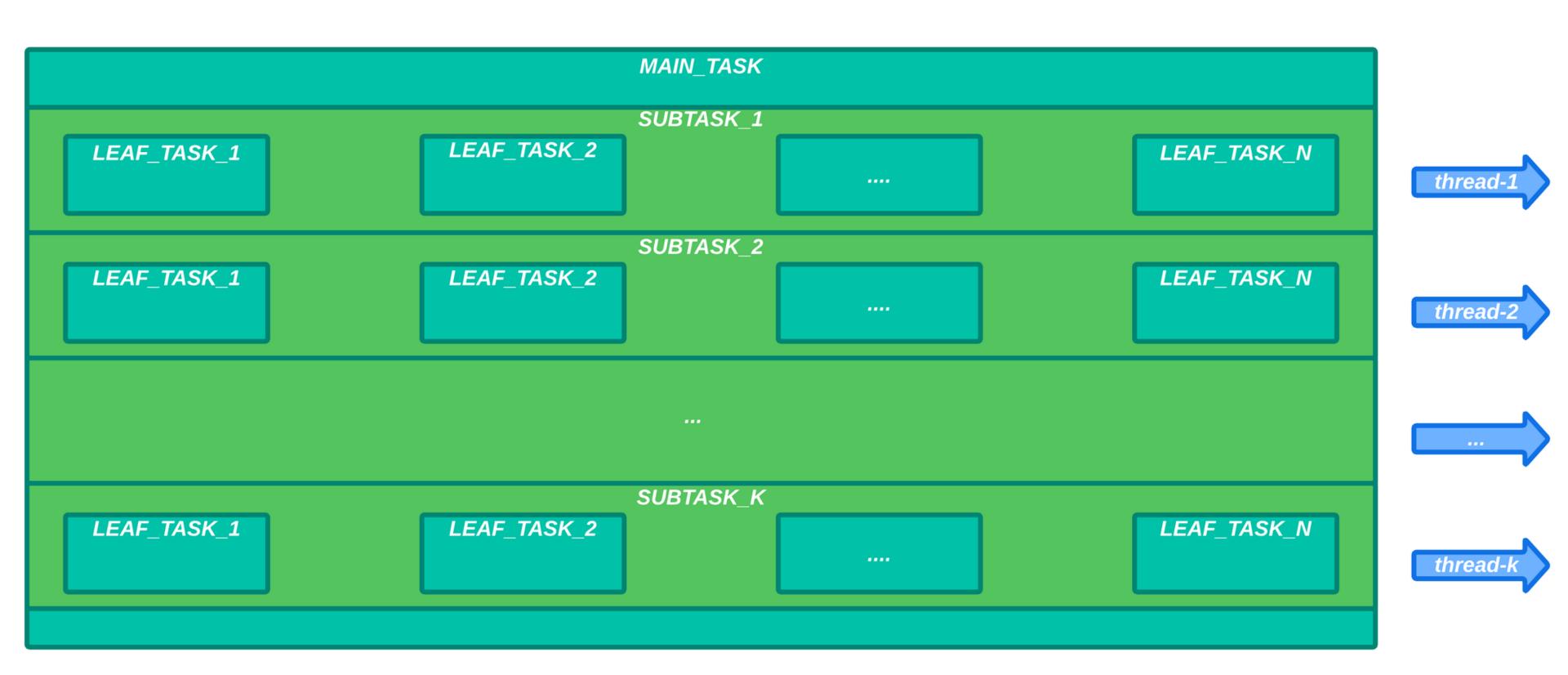


Никакой i-й поток(где i ∈ [1; k]) не должен начать выполнять свою leaf-задачу с индексом t до тех пор, пока все k потоков не выполнят свои leaf-задачи с индексом t-1(где t ∈ [2; N])

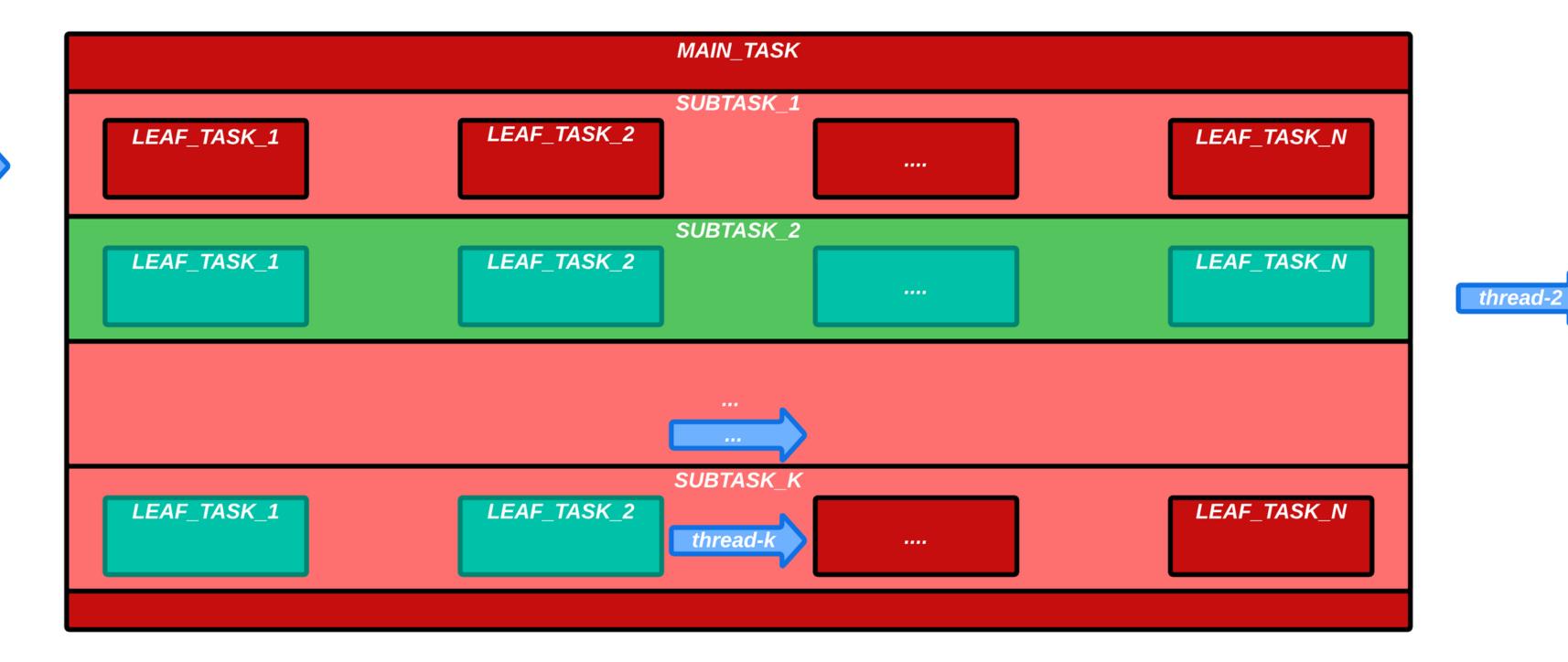








thread-1



SUBTASK_0

LEAF_TASK_0 await

SUBTASK_1

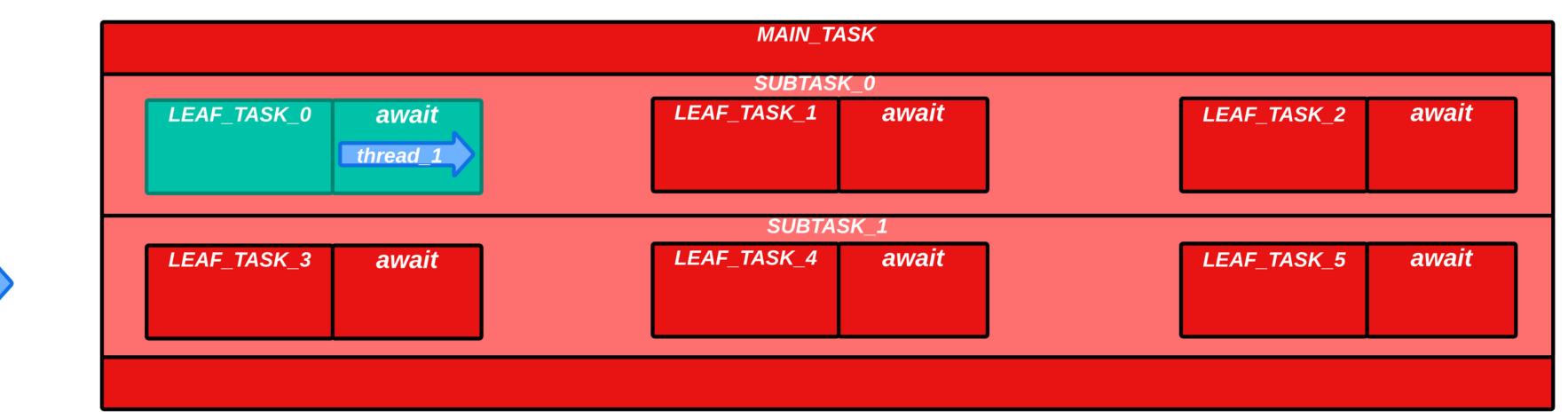
SUBTASK_1

LEAF_TASK_3 await

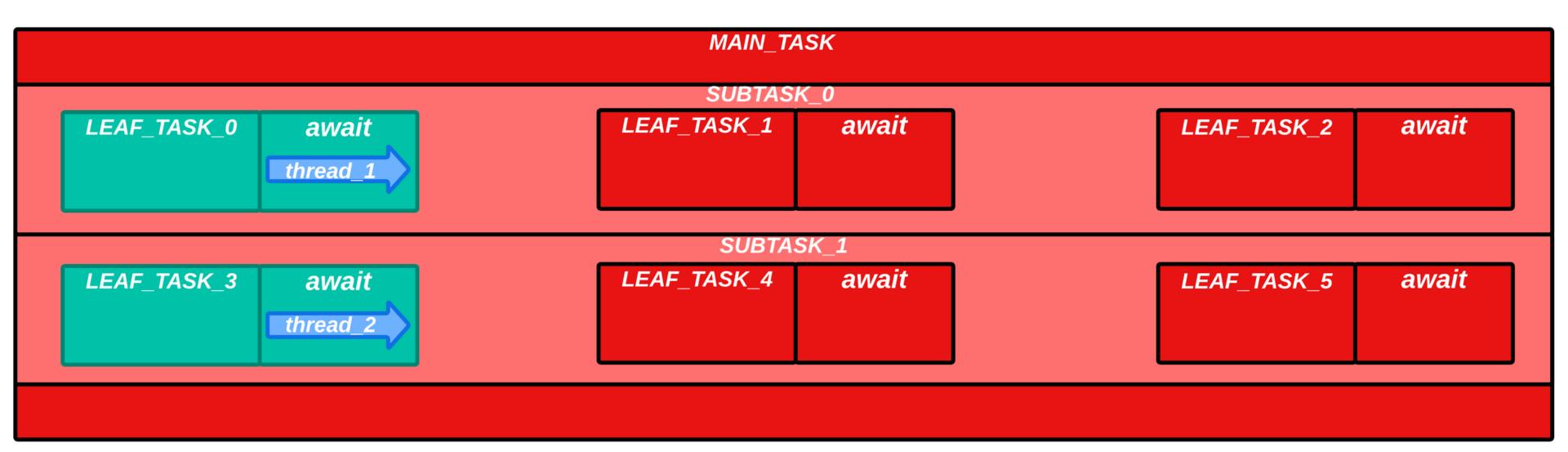
LEAF_TASK_4 await

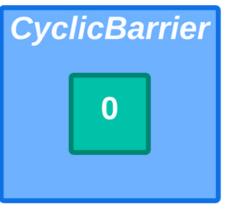
LEAF_TASK_5 await

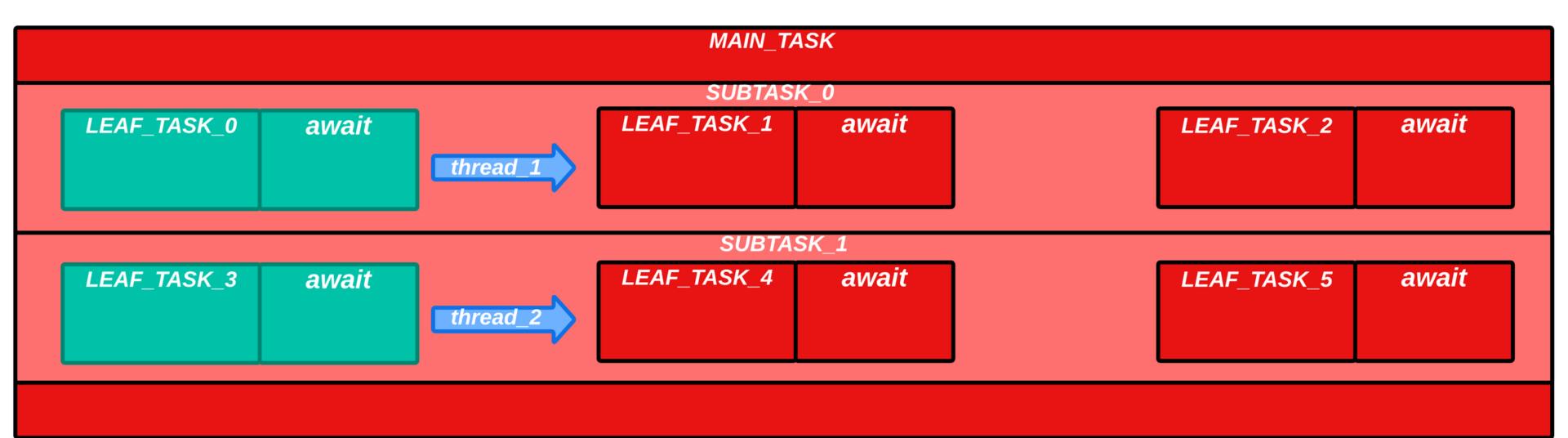
thread_1

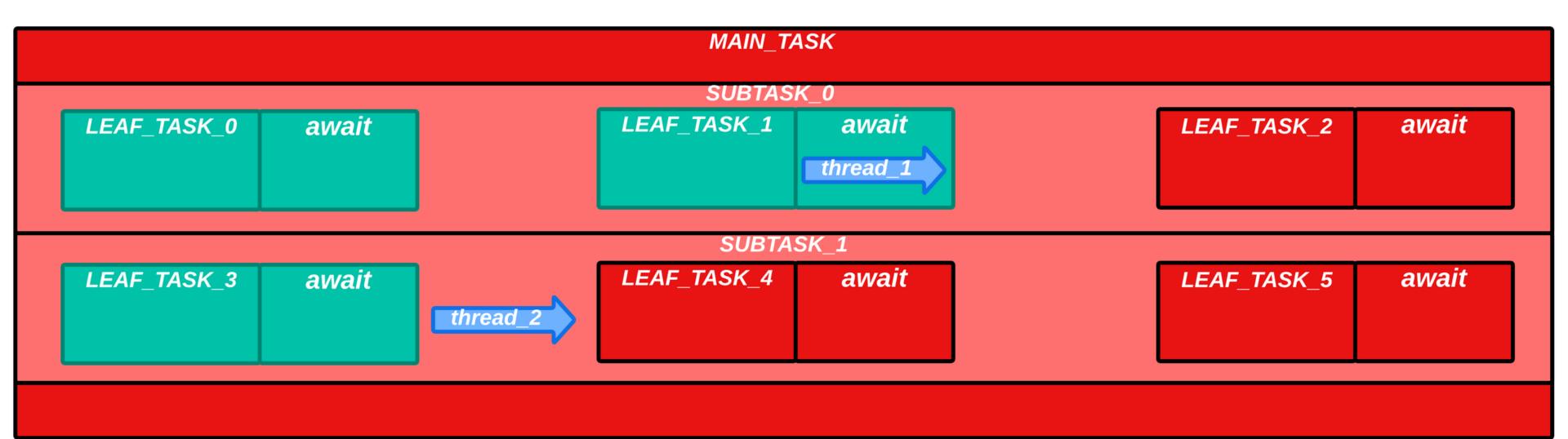


thread_2

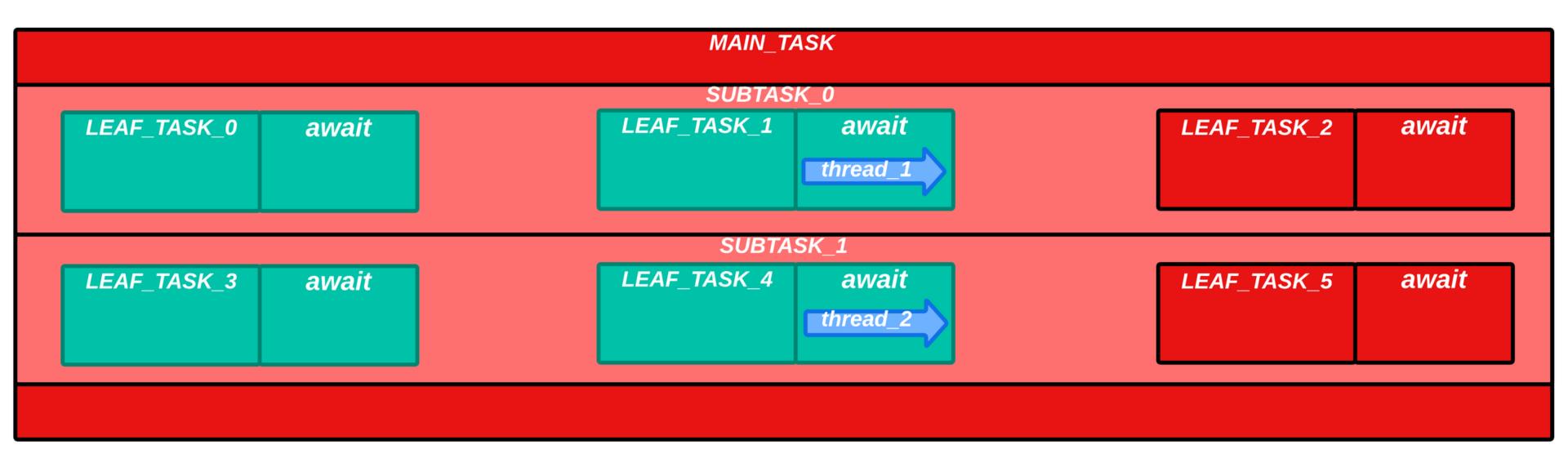




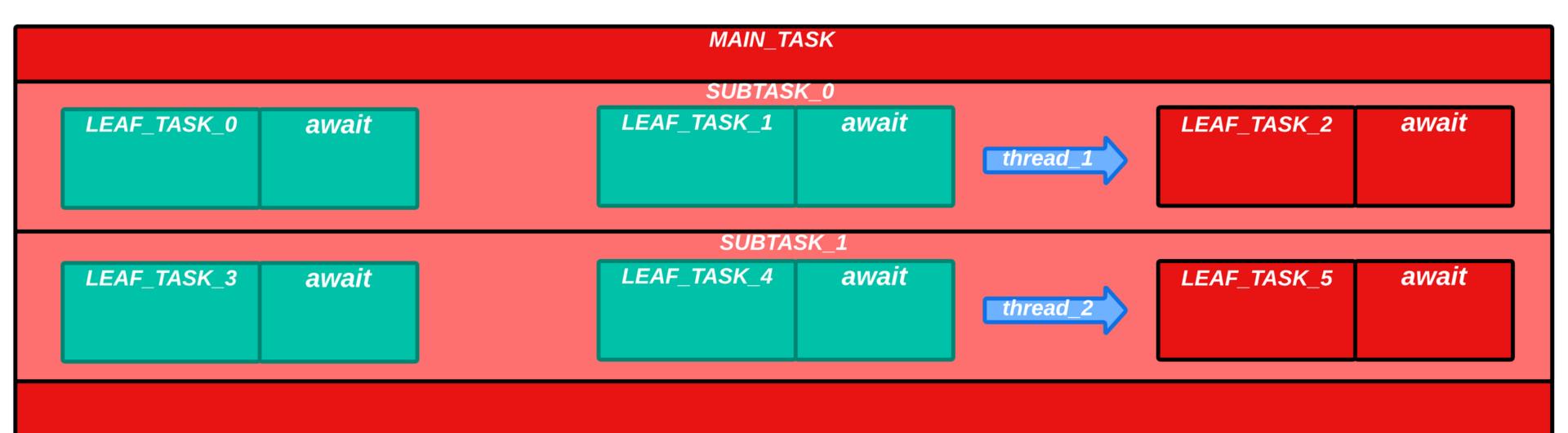




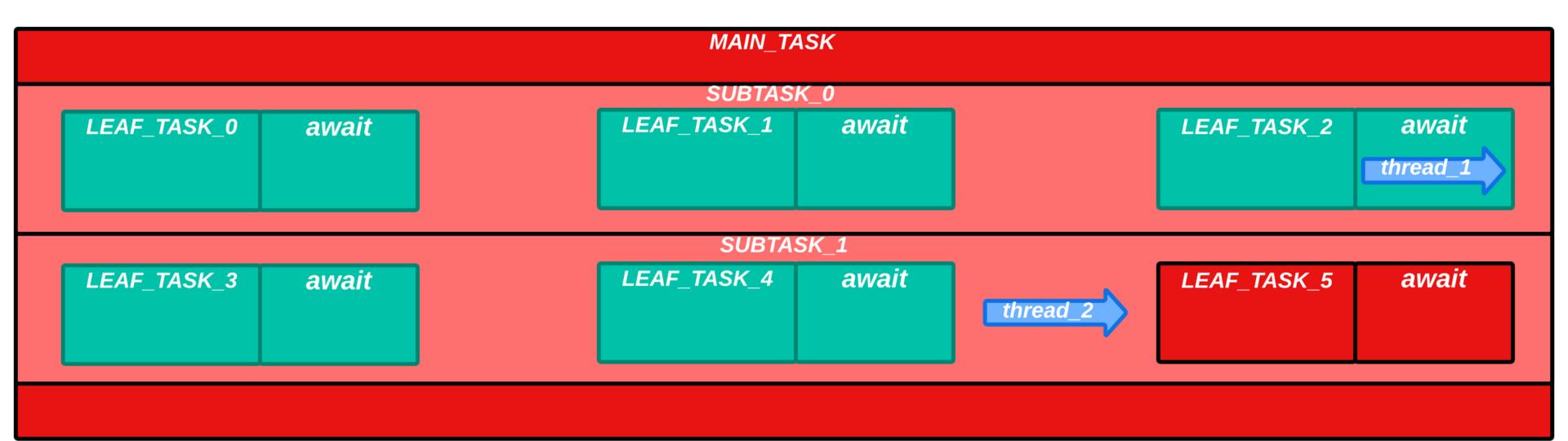




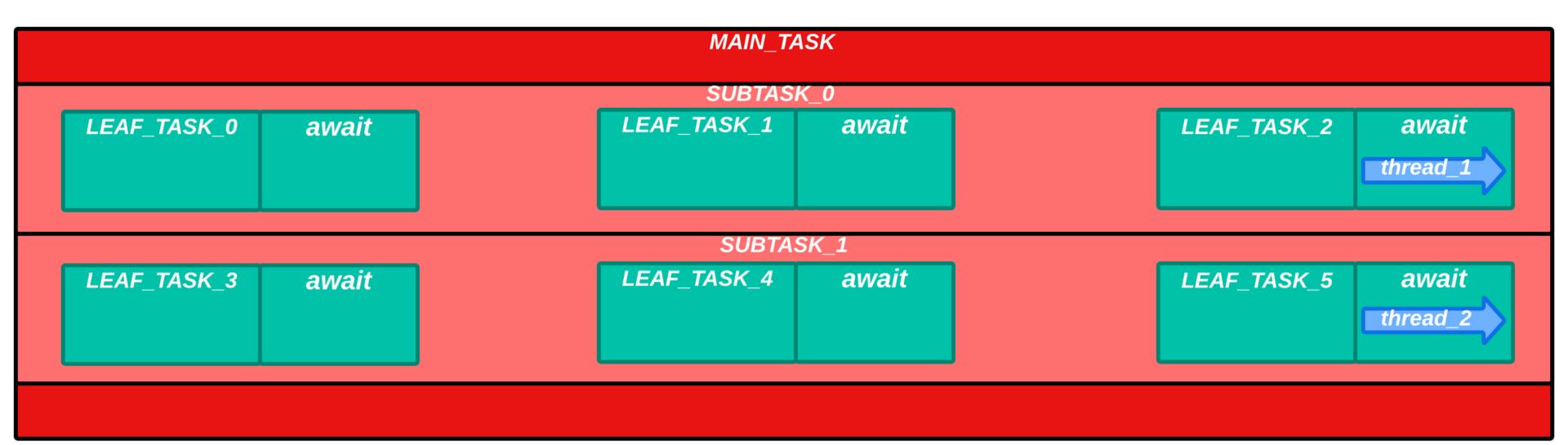




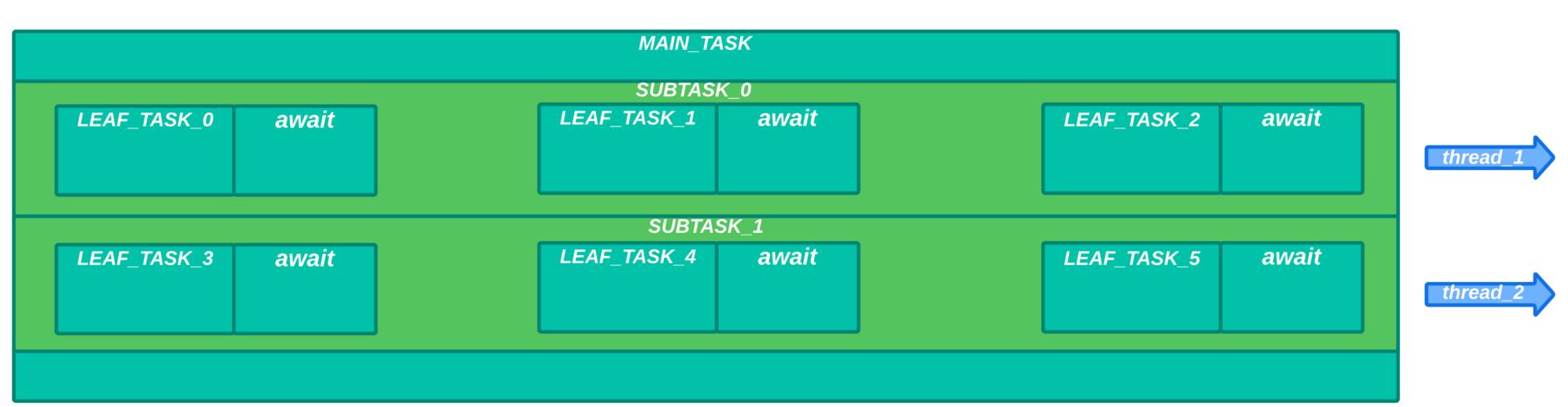


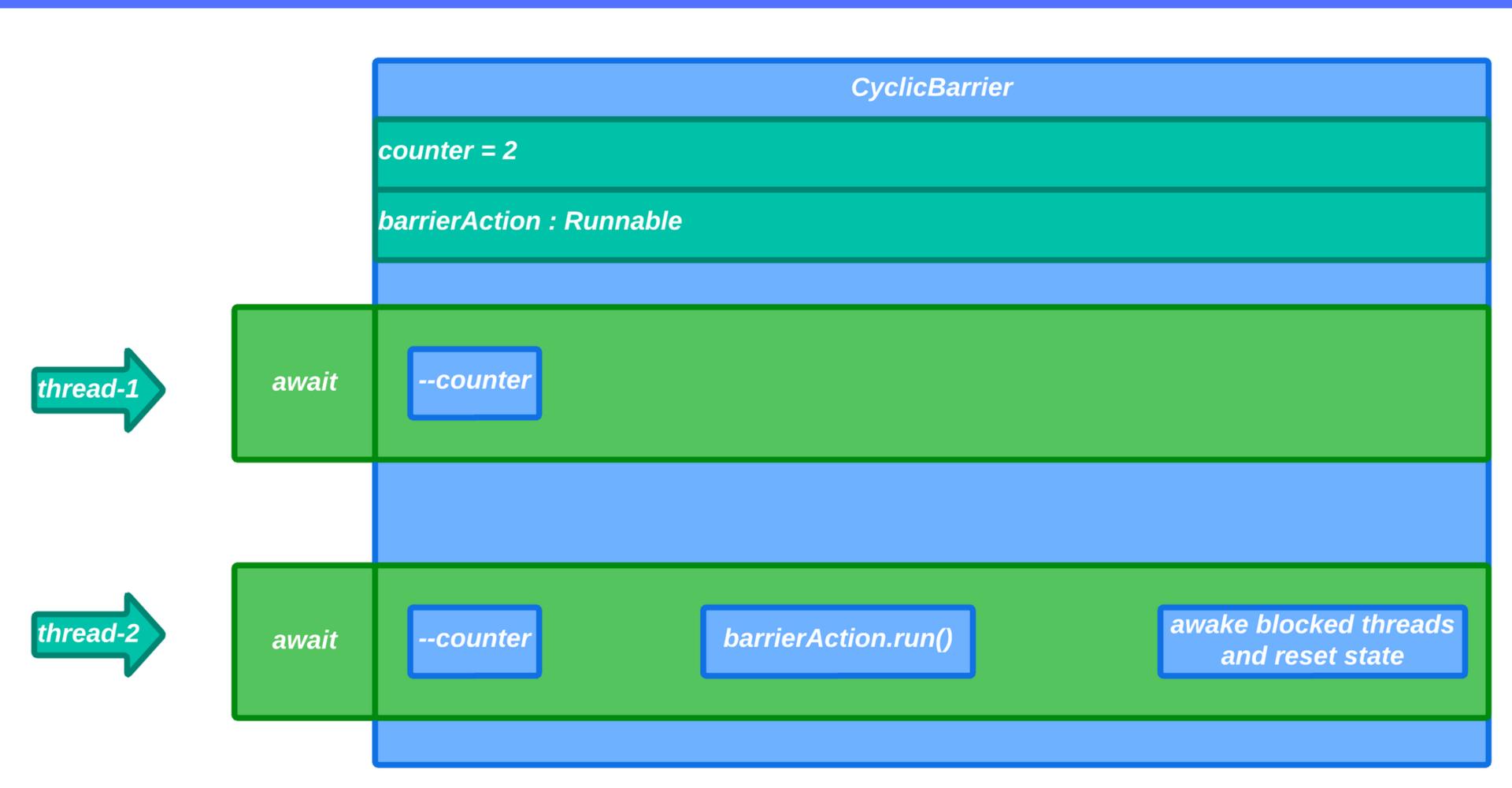


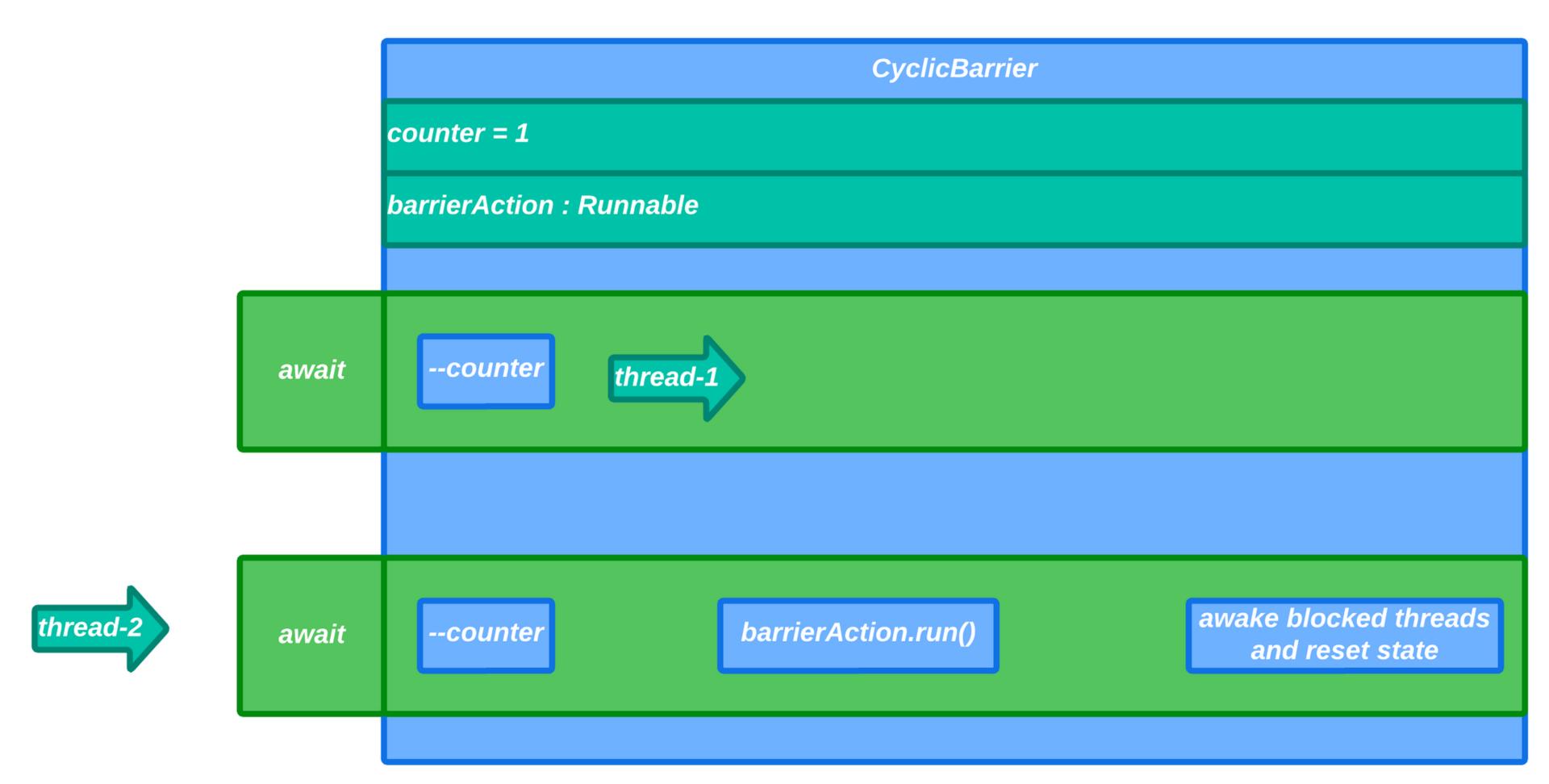


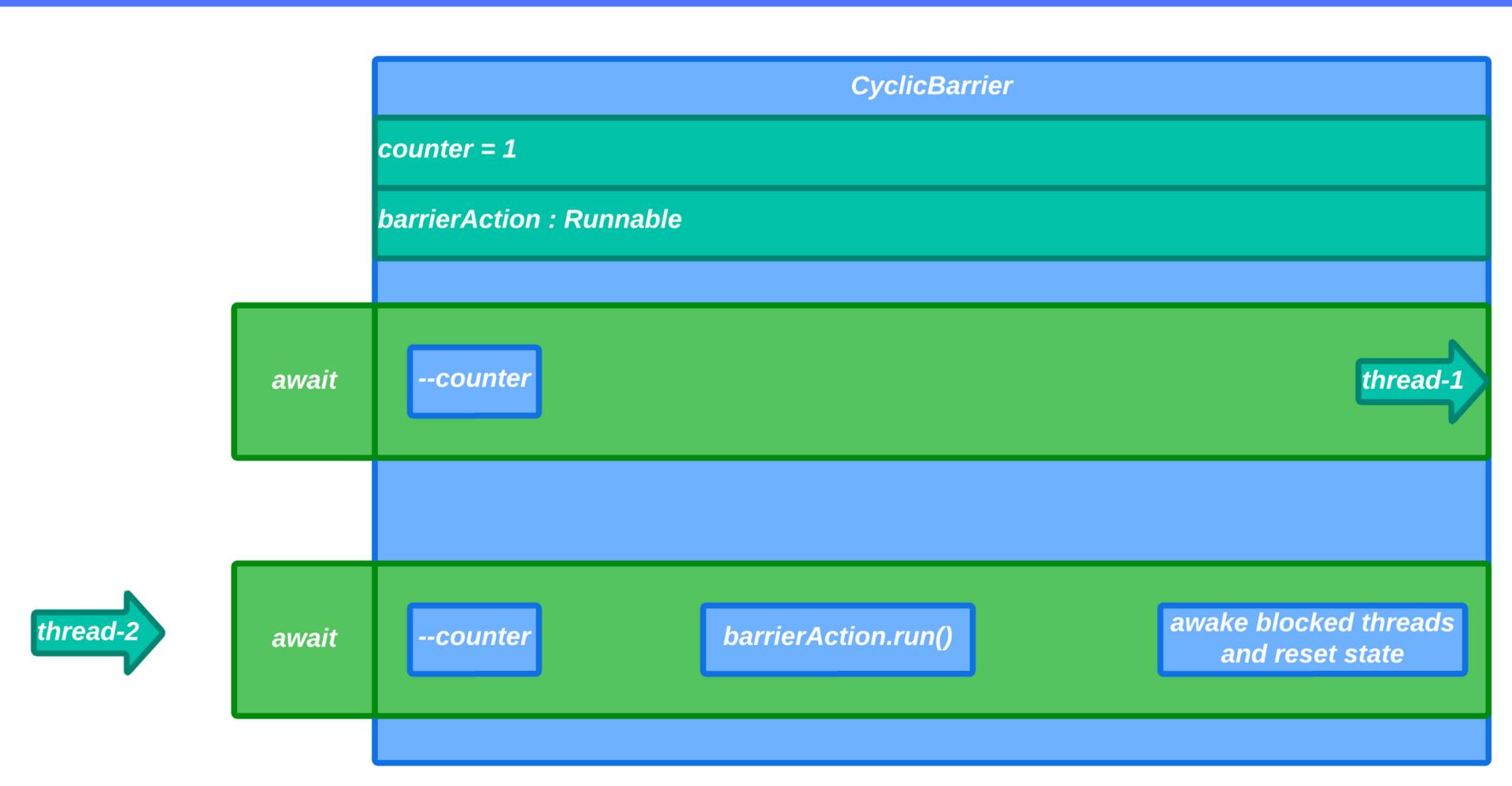


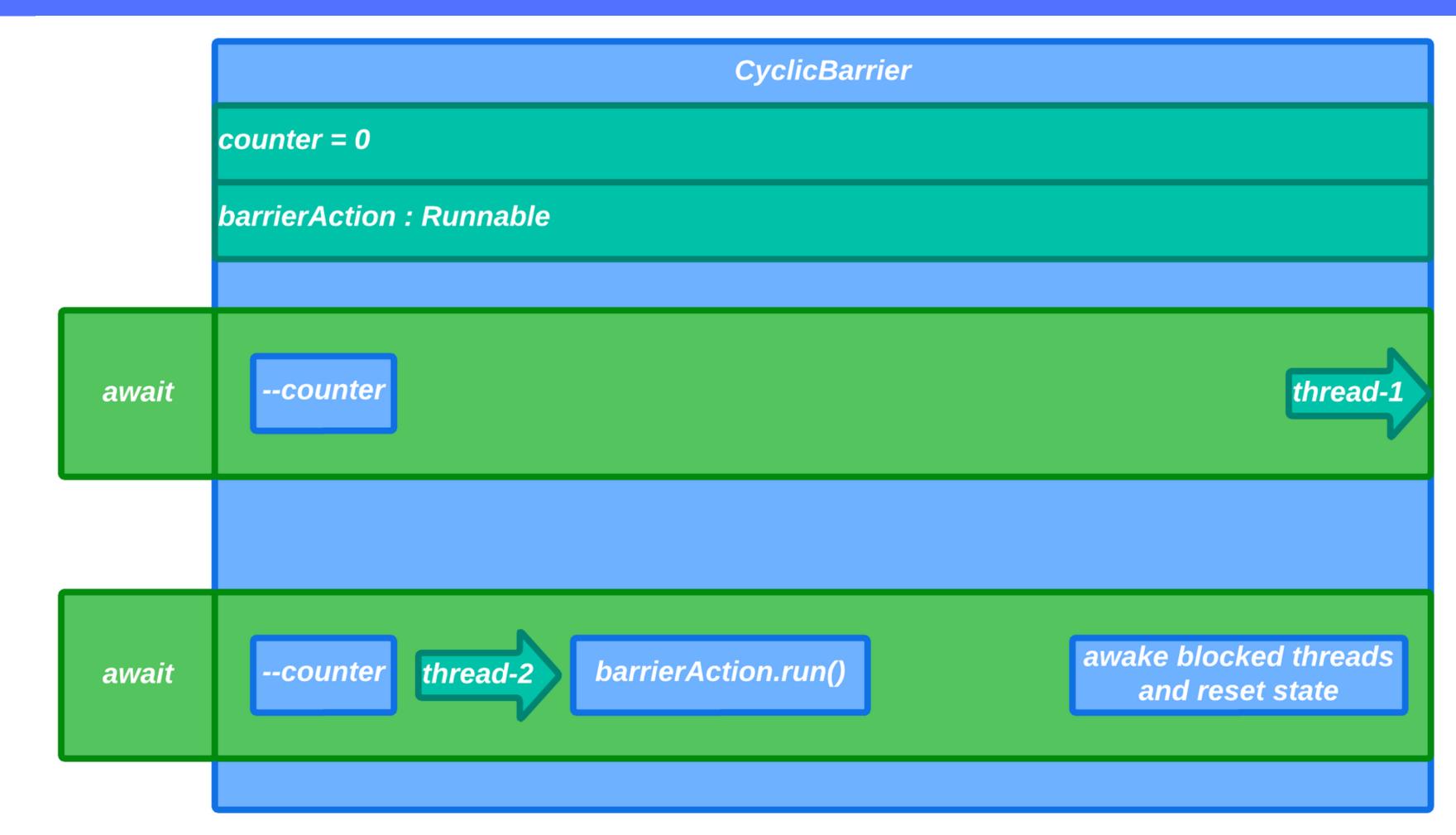


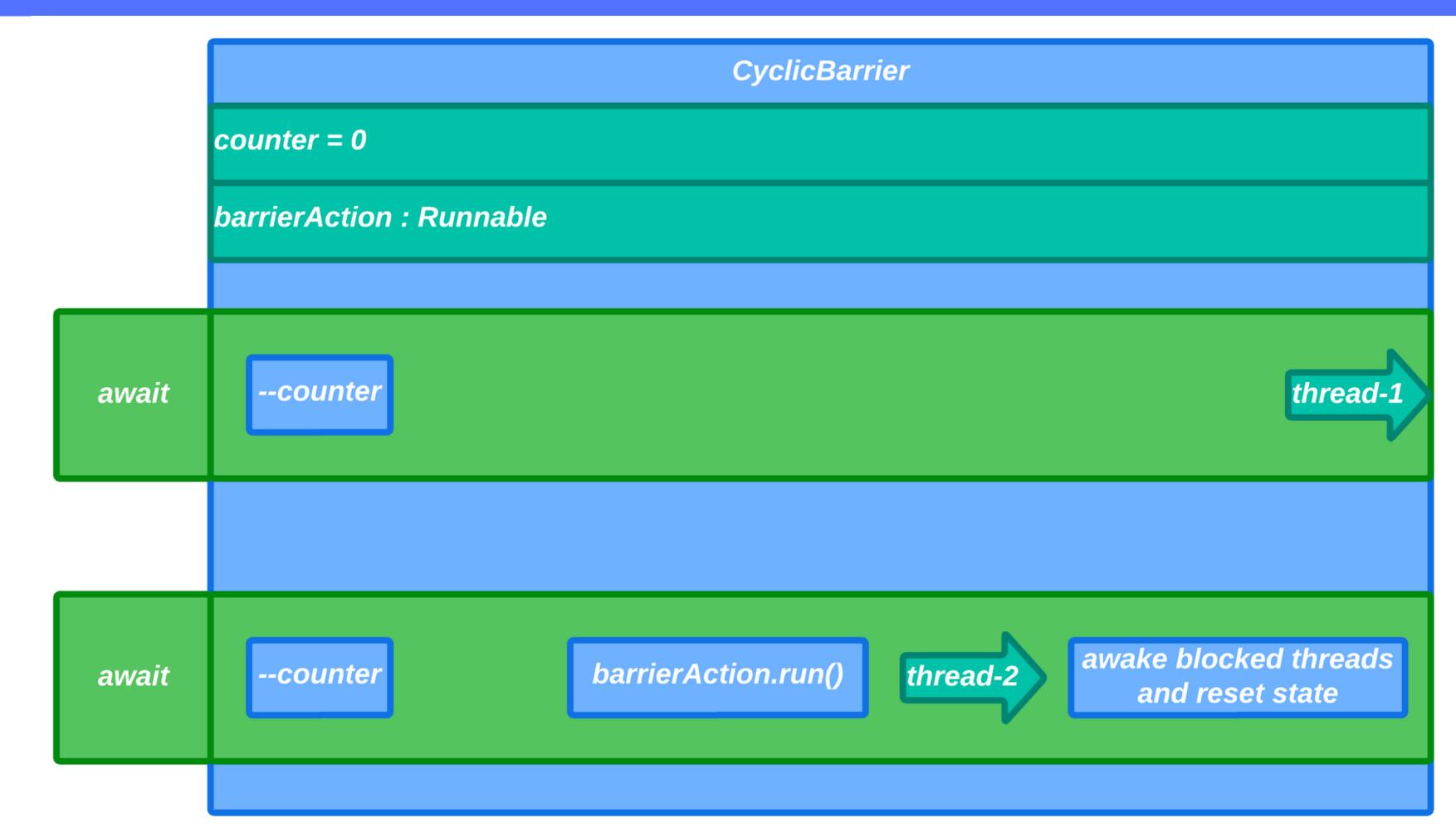


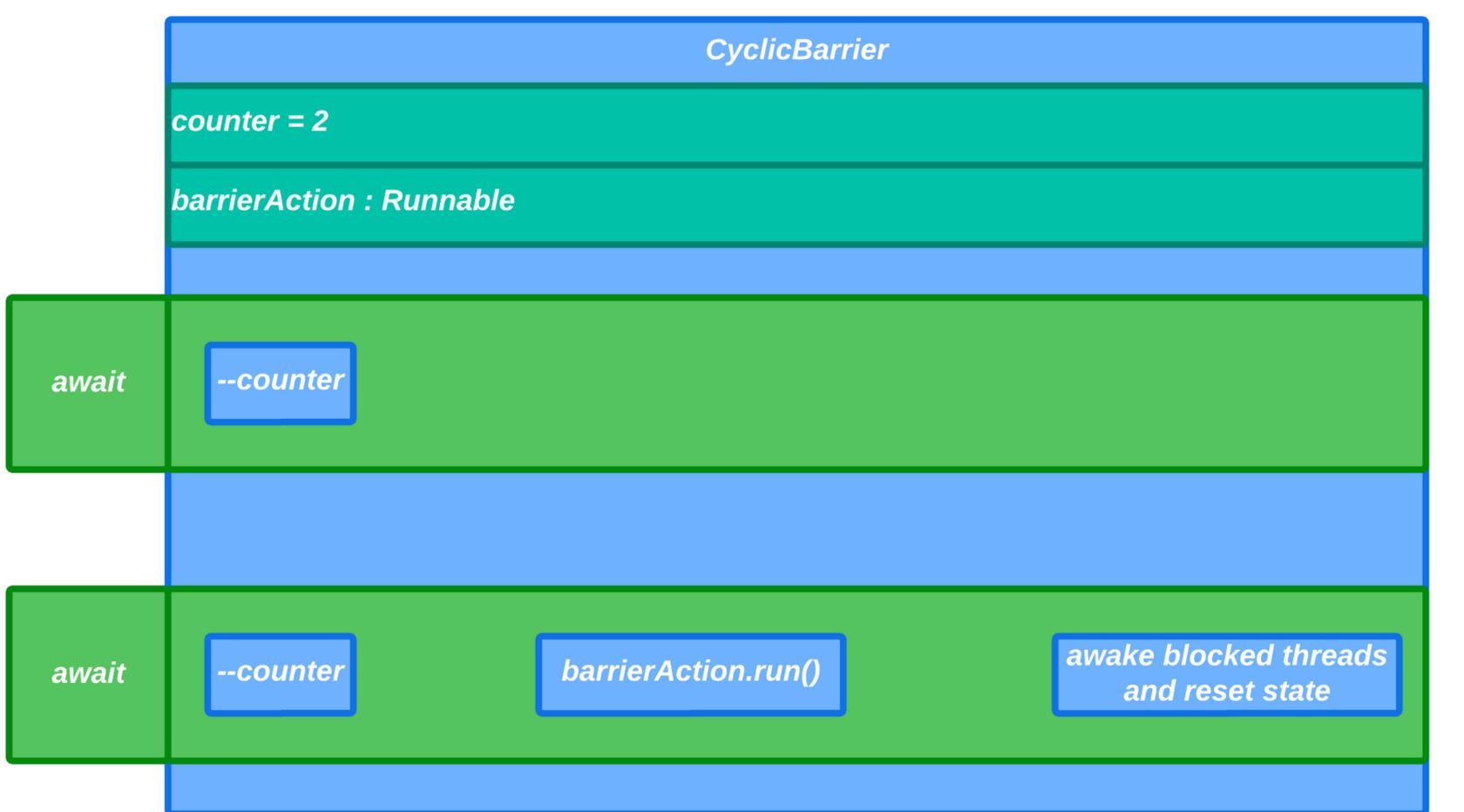








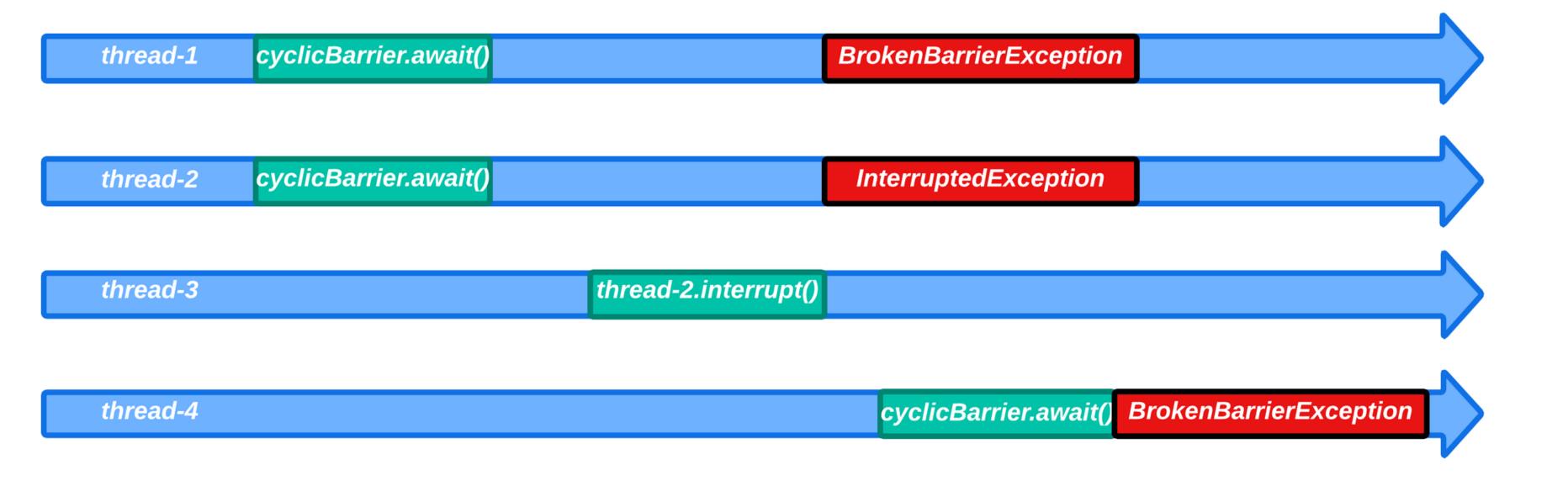








BROKEN BARRIER EXCEPTION



time