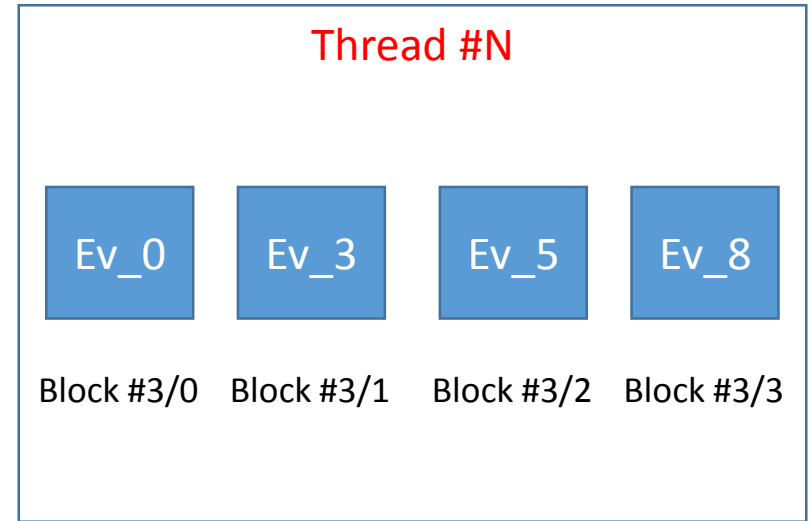
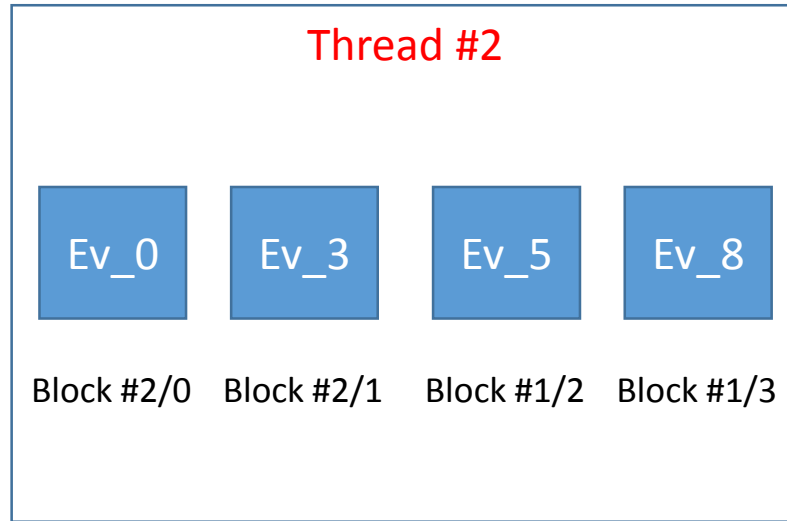
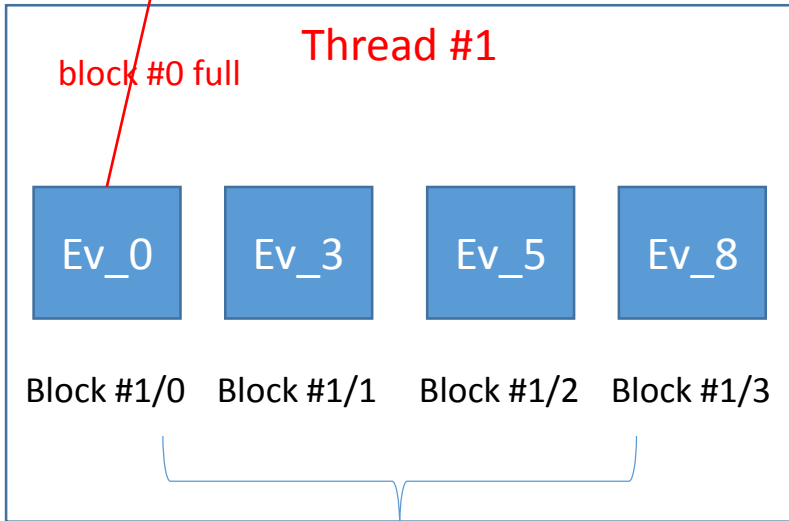
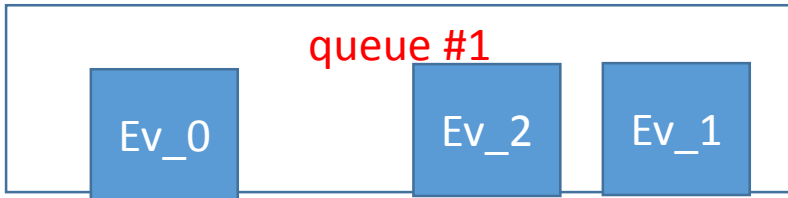


Merge thread

Events (0-max)  
mixed –  
memory trees



Test setup NOW (testing throughput scalability)



N events in flight



Empty block pool

Events (0-max)  
mixed

Merge thread

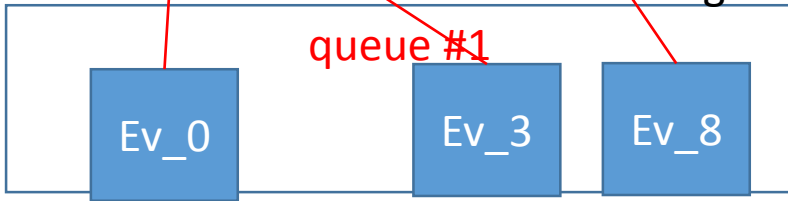


event #0 done  
signal : merges  
all  
tree #0 trees



N events in flight "live" trees

queue #1



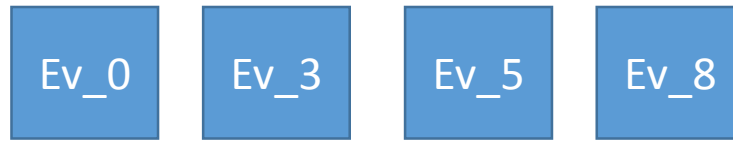
Output per event

Thread #1



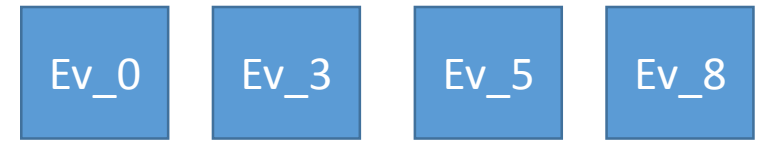
Block #1/0   Block #1/1   Block #1/2   Block #1/3

Thread #2



Block #2/0   Block #2/1   Block #1/1   Block #2/2

Thread #N



Block #3/0   Block #3/1   Block #3/2   Block #3/3

N events in flight



Empty block pool