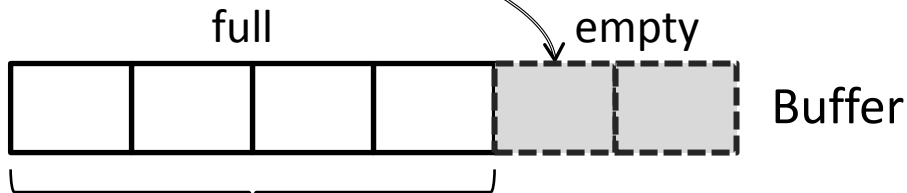


<Main Thread>  
run the map function

Producer



<Spill Thread>  
sort、combine and  
write to the disk

Consumer

Disk