

worker j finishes B'on\_pipe and decrements C's dependency to 1.

worker i decrements C's dependency to 0 and calls  
Runtime::schedule to schedule C.

worker j returns and  
resets the join counter of runtime task 1 to 0  
in Executor::\_invoke(Worker& worker,  
Node\* node).

worker k runs C'on\_pipe and then updates the  
join counter of runtime task 1 to 2 in  
Executor::\_join\_dynamic\_task\_internal(Worker&  
w, Node\* p, Graph& g).

worker k finishes one Subflow task and decrements the join  
counter of runtime task 1 by 1 in  
Executor::\_tear\_down\_invoke(Worker& worker, Node\* node)