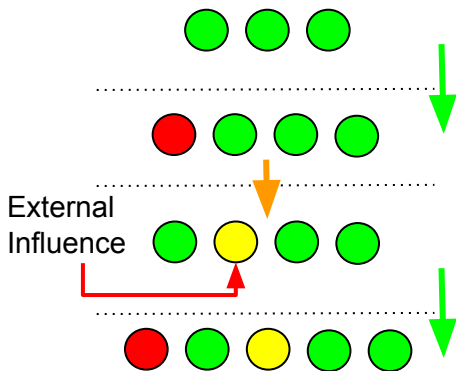


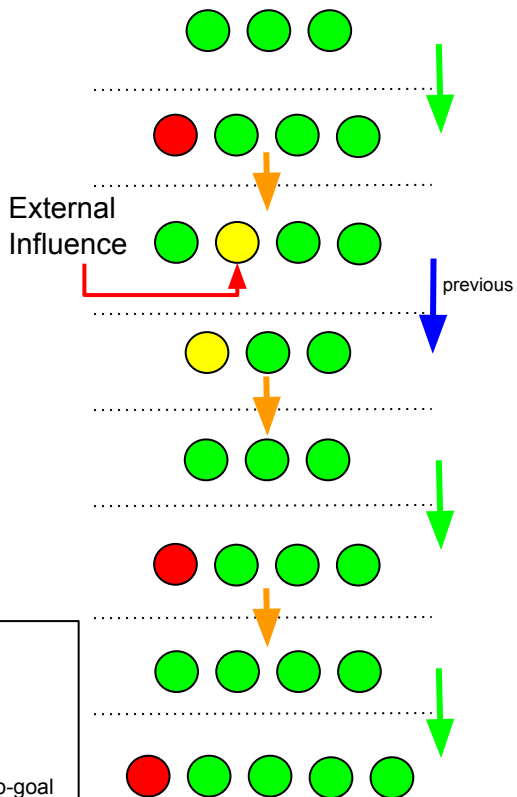
## Without Goal Maintenance



**Too complex to solve!**

***Planner stuck due to  
conflicting sub-goals or  
loops in execution***

## With Goal Maintenance



Met sub-goal



Unmet sub-goal



Undone sub-goal



Go to next sub-goal



Robot action



External influence



Jump to previous sub-goal