

Agent 1

Central entity

Agent 2

The central entity identifies a conflict in the current plans of the agents

Ask agent for conflict solving plan

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Propose possible solution

Propose possible solution

After all options are received

"wait for conflict to be solved"

Decide which conflict solving solution is better in this case \*

"solve the conflict"

wait for agent 2 to solve conflict

solve conflict

resume plan

replan

continue with new plan

After conflict is solved

\* For the purpose of exemplifying  
, we assume that agent 2 is  
assigned as conflict solver