



① Trigger Detection

Decide whether to intervene now.

② Step Detection

Locate the current step in the workflow.

③ Task Detection

Identify the high-level task to pursue.

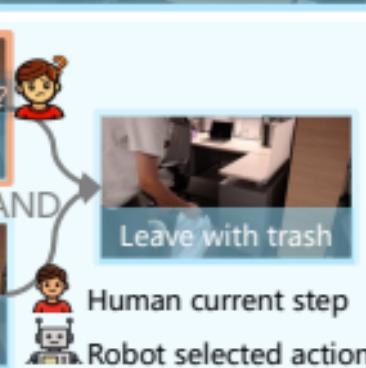
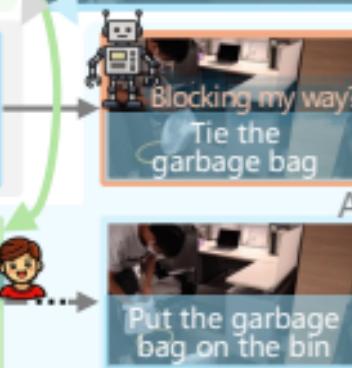
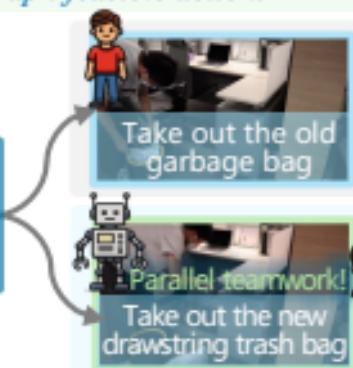
④ Future Action Prediction

Predict n -step future actions as candidate set

⑤ Proactive Action Selection

Choose the next graph-feasible action.

Task Graph (partially)



Take out the old garbage bag