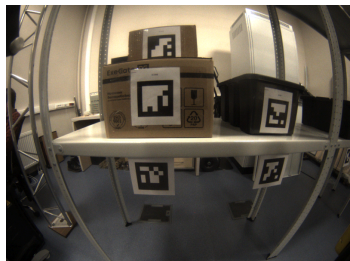
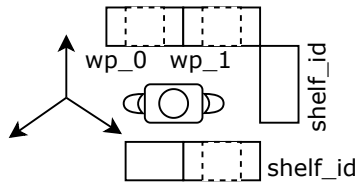


RGB Image



3D Scene Graph Creation Module

World State / Telemetry



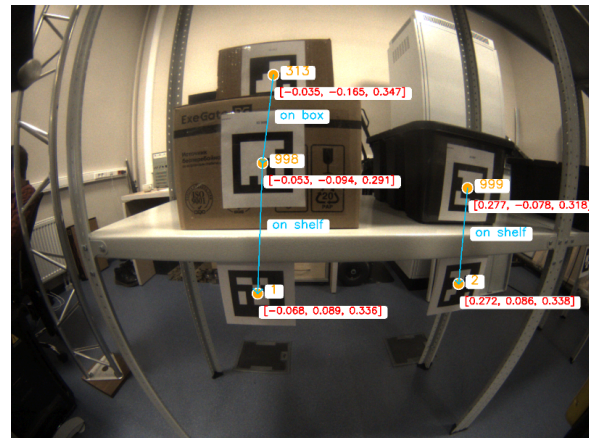
Text Command

Move box 999
from shelf 1 to free shelf

Actual State Service

LLM-based Planner Module with Task Decomposition

3D Scene Graph



Humanoid Robot Command Sequence

1. "go to waypoint 1"
2. "pick up box 999"
3. "go to waypoint 3"
4. "drop shelf 5"

