Planning for Robots with Skills

Factory Inputs to the Logistic System are issued by the MES as kitting orders.

The Mission Planner uses Classical Planning to create missions for the robot fleet.

The Logistic Planner builds a 3-dimensional representation of the logistic supermarket, mediates the functions of the remaining elements and provides GUI access to shop-floor workers.

The Skill Manager controls and provides a GUI for robot-level information and processes. The Task Planner converts the skills to PDDL and finds plans for the goals.

The final sequences of skills executed by the STAMINA Robot.

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