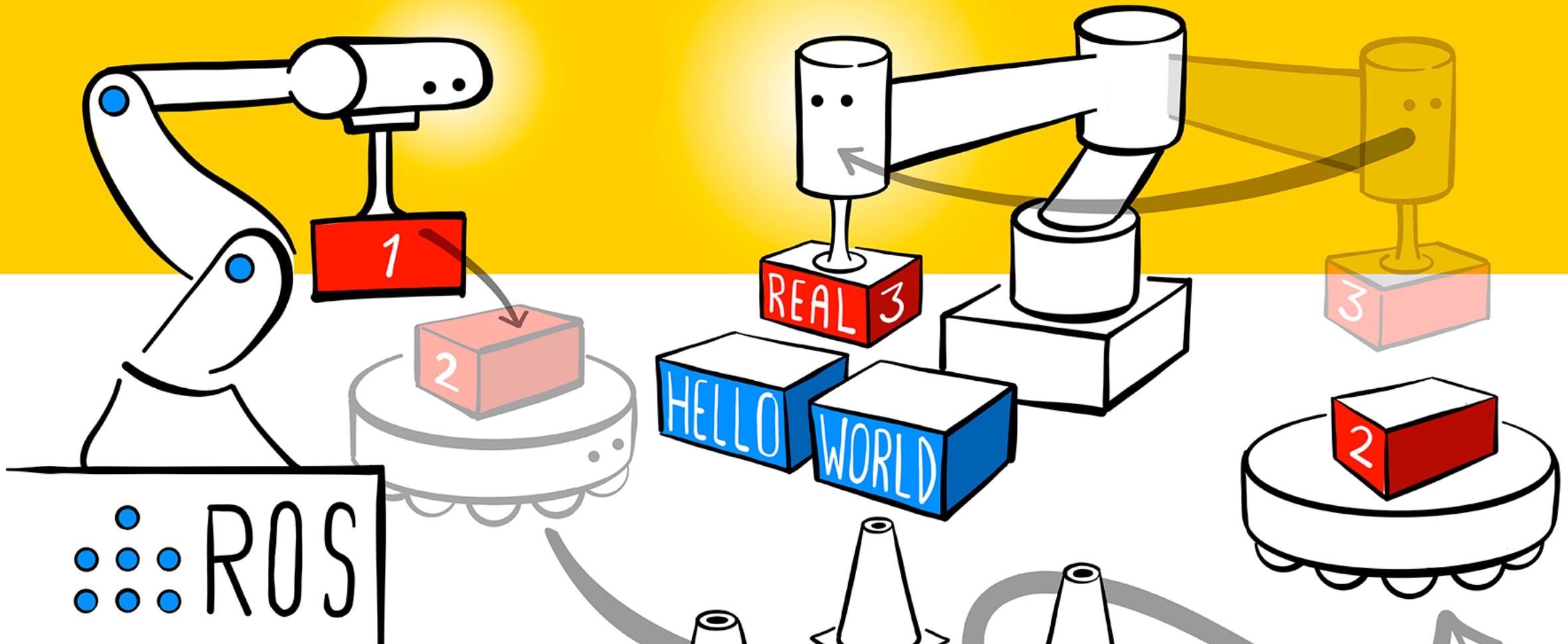


Week4: Manipulation

Mukunda Bharatheesha



Manipulation - Overview

- MoveIt! - a ROS package for manipulation.
- MoveIt! setup assistant - configure robot setups to use MoveIt!
- Plan and execute motions - the “move_group” ROS node.
- Implement a simple pick and place pipeline.

In week 2 and week 3

- Modify factory environment.
- Add UR5 robot to the factory.
- Introduce Turtlebot in the factory.
- Autonomously navigate with the Turtlebot.

The factory now looks like this

