FETCH STACK ROBOT

All about the Fetch Stack Robot

Use the fetch robot to pick up multiple objects (boxes) and neatly stack them on top of each other.

Word Bank

- Environment (env)
- Fetch Pick & Place Env
- Distance Threshold
- Step Size
- Close Grip Action
- Open Grip Action
- Lift Action
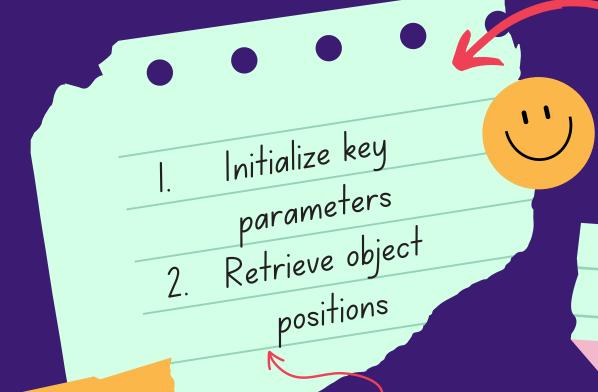
4. Lift the object
5. Move the object to the target

calculate the direction & distance from the current gripper position to the target (another box for stacking)

The Logic Behind the Fetch Stack Robot

1. Initialize key parameters
2. Retrieve object positions

... for the boxes (object0, object1, object2)

2. Move the gripper
3. Pick up the object

open the gripper, close the gripper, stabilize

6. Place the object
7. Repeat for all objects

horizontally & vertically