# Combine the Gripper90 and UR5 program into a package

# 1 [Task Summary]

Here we got Gripper90 and UR5’s controlling program each. We have to combine them together. Besides, we need to create a node that can receive the message of position and send the message to the robot. In conclusion, we have to put all the programs we made before into a package.

# 2 [Details]

**(1) Integrate the Robotiq90 model into the UR5 urdf model.** We have to keep the Gripper from crashing the Arm.(It does not work now.)

**(2) Create the node that can receive the destination position message.**

**(3) Combine them together.** The goal is that whenever the destination position message is published, UR5 will receive it and move to the target goal while Robotiq90 picking up something automatically.