



URDF

- O 19 joints O 14 mimic joints
- O 1 synergy joint

ros control

O set command — (position -> effort)

gazebo_ros_soft_hand.so initSim

load kinematicsload adaptive transmission contact topic subscription register interfaces

update

synergy_effort_ =
 jnt_to_act_effort(synergy_position,
 joint_effort_contact)

SDF

- O 19 joints
- O 14 (mimic) joints
- O 1 synergy joint

gazebo_api

- O readSim
 (position, velocity,
 effort)
- O writeSim (effort)

adaptive_transmission

O available propagations:

- * actuator -> joint (position, effort)
- * joint -> actuator (position, effort)