body_id	Movable links
0	ROOT
1	base_link_TX
2	base_link_TY
3	base_link_TZ
4	base_link_RX
5	base_link_RY
6	base_link
7	leg_left_1_link
8	leg_left_2_link
9	leg_left_3_link
10	leg_left_4_link
11	leg_left_5_link
12	leg_left_6_link
13	leg_right_1_link
14	leg_right_2_link
15	leg_right_3_link
16	leg_right_4_link
17	leg_right_5_link
18	leg_right_6_link
19	torso_1_link
20	torso_2_link
21	arm_left_1_link
22	arm_left_2_link
23	arm_left_3_link
24	arm_left_4_link
25	arm_left_5_link
26	arm_left_6_link
27	arm_left_7_link
28	arm_right_1_link
29	arm_right_2_link
30	arm_right_3_link
31	arm_right_4_link
32	arm_right_5_link
33	arm_right_6_link
34	arm_right_7_link
35	head_1_link
36	head_2_link

body_id	our_id	Fixed links
2147483647	-1	imu_link
2147483648	-2	left_sole_link
2147483649	-3	left_laser_link
2147483650	-4	right_sole_link
2147483651	-5	right_laser_link
2147483652	-6	arm_left_tool_link
2147483653	-7	wrist_left_ft_link
2147483654	-8	wrist_left_ft_tool_link
2147483655	-9	hand_left_palm_link
2147483656	-10	hand_left_grasping_frame
2147483657	-11	arm_right_tool_link
2147483658	-12	wrist_right_ft_link
2147483659	-13	wrist_right_ft_tool_link
2147483660	-14	hand_right_palm_link
2147483661	-15	hand_right_grasping_frame
2147483662	-16	back_camera_link
2147483663	-17	back_camera_gazebo_back_camera_link
2147483664	-18	back_camera_optical_frame
2147483665	-19	head_sonar_03_link
2147483666	-20	stereo_link
2147483667	-21	stereo_gazebo_left_camera_link
2147483668	-22	stereo_gazebo_right_camera_link
2147483669	-23	stereo_optical_frame
2147483670	-24	torso_sonar_01_link
2147483671	-25	torso_sonar_02_link
2147483672	-26	torso_sonar_04_link

joint_id	name
0	base_link_TX_joint
1	base_link_TY_joint
2	base_link_TZ_joint
3	base_link_RX_joint
4	base_link_RY_joint
5	base_link_RZ_joint
6	leg_left_1_joint
7	leg_left_2_joint
8	leg_left_3_joint
9	leg_left_4_joint
10	leg_left_5_joint
11	leg_left_6_joint
12	leg_right_1_joint
13	leg_right_2_joint
14	leg_right_3_joint
15	leg_right_4_joint
16	leg_right_5_joint
17	leg_right_6_joint
18	torso_1_joint
19	torso_2_joint
20	arm_left_1_joint
21	arm_left_2_joint
22	arm_left_3_joint
23	arm_left_4_joint
24	arm_left_5_joint
25	arm_left_6_joint
26	arm_left_7_joint
27	arm_right_1_joint
28	arm_right_2_joint
29	arm_right_3_joint
30	arm_right_4_joint
31	arm_right_5_joint
32	arm_right_6_joint
33	arm_right_7_joint
34	head_1_joint
35	head_2_joint