							view_frames Result
$\begin{array}{c} \hline \text{thk002/odom} \\ \hline \end{array}$		$\begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	thk002/r_thumb_link	thk001/odom thk001/head_link	$\begin{array}{c} \begin{array}{c} \begin{array}{c} \\ \\ \end{array} \\ \begin{array}{c} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \end{array} \\ \begin{array}{c} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \\ \end{array} \\ \begin{array}{c} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \\ \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \\ \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \\ \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \\ \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \\ \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \\ \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	thk001/leg_base_link thk001/r_hand_link	thk001/r_indexbase_link  Recorded at time: 4266.474
Broadcaster: /gazebo Average rate: 38.662 Buffer length: 4.992 Most recent transform: 4266.442 Oldest transform: 4261.45  Broadcaster: /thk002/seed_r7_state_publisher Average rate: 10000.0 Buffer length: 0.0 Most recent transform: 0.0 Oldest transform: 0.0	Broadcaster: /thk002/seed_r7_state_publisher	ster: /thk002/seed_r7_state_publisher Average rate: 10000.0 Buffer length: 0.0 Most recent transform: 0.0 Oldest transform: 0.0  Broadcaster: /thk002/seed_r7_state_publisher Average rate: 10000.0 Buffer length: 0.0 Buffer length: 0.0 Most recent transform: 0.0 Oldest transform: 0.0  Oldest transform: 0.0  Broadcaster: /thk002/seed_r7_state_publisher Average rate: 10000.0 Buffer length: 0.0 Buffer length: 0.0 Most recent transform: 0.0 Oldest transform: 0.0 Oldest transform: 0.0	Broadcaster: /thk002/seed_r7_state_publisher Average rate: 10000.0 Buffer length: 0.0 Most recent transform: 0.0 Oldest transform: 0.0	Broadcaster: /gazebo Average rate: 38.663 Buffer length: 4.966 Most recent transform: 4266.424 Oldest transform: 4261.458  Broadcaster: /thk001/seed_r7_state_publisher Average rate: 10000.0  Buffer length: 0.0  Most recent transform: 0.0 Oldest transform: 0.0	Average rate: 10000.0  Most recent transform: 0.0  Oldest transform: 0.0  Diagram of the content	Broadcaster: /thk001/seed_r7_state_publisher te: 10000.0 ngth: 0.0 rransform: 0.0 nsform: 0.0  Didest transform: 0.0  Broadcaster: /thk001/seed_r7_state_publisher Average rate: 10000.0 Buffer length: 0.0 Buffer length: 0.0 Most recent transform: 0.0 Oldest transform: 0.0  Oldest transform: 0.0	Broadcaster: /thk001/seed_r7_state_publisher     Average rate: 10000.0     Buffer length: 0.0     Most recent transform: 0.0     Oldest transform: 0.0
thk002/base_link thk002/camera_frame t	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	thk002/r_thumb_tip_link	thk001/base_link thk001/camera_frame thk001/l_eef_grass	thk001/l_eef_pick_link thk001/l_indexmid_link thk001/l_thumb_tip_link	$\begin{array}{c c} \hline \\ \hline $	eef_pick_link thk001/r_indexmid_link thk001/r_thumb_link
Broadcaster: /thk002/seed_r7_state_publisher  Average rate: 10000.0  Buffer length: 0.0  Most recent transform: 0.0  Oldest transform: 0.0  Broadcaster: /thk002/seed_r7_state_publisher  Average rate: 10000.0  Buffer length: 0.0  Most recent transform: 0.0  Oldest transform: 0.0	Broadcaster: /thk002/seed_r7_state_publisher  Average rate: 10000.0  Buffer length: 0.0  Most recent transform: 0.0  Oldest transform: 0.0	ster: /thk002/seed_r7_state_publisher Average rate: 10000.0 Buffer length: 0.0 Most recent transform: 0.0 Oldest transform: 0.0  Broadcaster: /thk002/seed_r7_state_publisher Average rate: 10000.0 Buffer length: 0.0 Buffer length: 0.0 Buffer length: 0.0 Oldest transform: 0.0 Oldest transform: 0.0	ner	Broadcaster: /thk001/seed_r7_state_publisher     Average rate: 10000.0     Buffer length: 0.0     Most recent transform: 0.0     Oldest transform: 0.0  Broadcaster: /thk001/seed_r7_state_publisher Average rate: 10000.0  Buffer length: 0.0  Most recent transform: 0.0  Oldest transform: 0.0	Broadcaster: /thk001/seed_r7_state_publisher Average rate: 10000.0 Buffer length: 0.0 Most recent transform: 0.0 Oldest transform: 0.0	Broadcaster: /thk001/seed_r7_state_publisher	Broadcaster: /thk001/seed_r7_state_publisher     Average rate: 10000.0     Buffer length: 0.0     Most recent transform: 0.0     Oldest transform: 0.0  Broadcaster: /thk001/seed_r7_state_publisher Average rate: 10000.0  Buffer length: 0.0  Most recent transform: 0.0  Oldest transform: 0.0
thk002/wheel_base_link thk002/camera_optical_frame	$\begin{array}{c c} & & & \\ \hline & \text{thk002/l\_indexend\_link} & & & \\ \hline \end{array}$	thk002/r_indexend_link		thk001/wheel_base_link thk001/camera_optical_frame	thk001/l_indexend_link	thk001/waist_link	$\begin{array}{c c} & & & & \\ \hline & \\ \hline & & \\ \hline &$
Broadcaster: /thk002/seed r7 state publisher Average rate: $100\overline{0}0.0$ Average rate: $100\overline{0}0.0$ Buffer length: $0.0$ Buffer length: $0.0$ Most recent transform: $0.0$ Oldest transform: $0.0$ Old	ate_publisher of Average rate: 10000.0	Broadcaster: /thk002/seed_r7_state_publisher Average rate: 10000.0  Buffer length: 0.0  Most recent transform: 0.0  Oldest transform: 0.0	Broadcaster: /thk001/seed_r7_state_publisher	r7_state_publisher	Broadcaster: /thk001/seed_r7_state_publisher    Average rate: 10000.0    Buffer length: 0.0    Most recent transform: 0.0    Oldest transform: 0.0		Broadcaster: /thk001/seed_r7_state_publisher
	thk002/wheels_rear_left_mecanum thk002/wheels_rear_right_mecanum thk002/l_index_tip_link	thk002/r_index_tip_link thk001/front	ont_camera_base_link thk001/rear_camera_base_link thk001/wheels_top_link		thk001/wheels_rear_right_mecanum thk001/l_index_tip_link		thk001/r_index_tip_link
Broadcaster: /thk002/seed_r7_state_publisher     Average rate: 10000.0     Buffer length: 0.0     Most recent transform: 0.0     Oldest transform: 0.0     Oldest transform: 0.0			Broadcaster: /thk001/seed_r7_state_publisher     Average rate: 10000.0     Buffer length: 0.0     Most recent transform: 0.0     Oldest transform: 0.0  Broadcaster: /thk001/seed_r7_state_publisher     Average rate: 10000.0  Buffer length: 0.0  Most recent transform: 0.0  Oldest transform: 0.0  Broadcaster: /thk001/seed_r7_state_publisher  Average rate: 10000.0  Buffer length: 0.0  Most recent transform: 0.0  Oldest transform: 0.0  Oldest transform: 0.0	r7_state_publisher 0000.0			
$\begin{array}{c c} & & & \\ \hline & thk002/front\_camera\_link & & \\ \hline & thk002/rear\_camera\_link & & \\ \hline \end{array}$			ront_camera_link thk001/rear_camera_link thk001/lifter_base_link				
thk002/front_camera_link  thk002/rear_camera_link  thk002/rear_camera_link  thk002/rear_camera_link  thk002/rear_camera_link  thk002/rear_camera_link  thk002/rear_camera_link  thk002/rear_camera_link  thk002/rear_camera_link  thk002/rear_camera_link  thk002/rear_camera_right_ir_frame  thk002/rear_camera_right_ir_frame  thk002/rear_camera_right_ir_frame  thk002/rear_camera_right_ir_frame		thk001/front_can	Broadcaster: /thk001/seed_r7_state_publisher     Average rate: 10000.0     Buffer length: 0.0     Most recent transform: 0.0     Oldest transform: 0.0      Thk001/seed_r7_state_publisher     Average rate: 10000.0     Buffer length: 0.0     Most recent transform: 0.0     Oldest transform: 0.0     Oldest transform: 0.0				