view\_frames Result Recorded at time: 1519150379.954 map Broadcaster: /pose\_integrator Average rate: 30.240 Hz Most recent transform: 1519150379.891 ( 0.062 sec old) Buffer length: 4.861 sec odom Broadcaster: /hsrb/laser\_scan\_matcher\_node Broadcaster: /hsrb/robot hardware Average rate: 32.089 Hz Average rate: 30.185 Hz Most recent transform: 1519150379.854 (0.100 sec old) \ Most recent transform: 1519150379.895 (0.059 sec old) Buffer length: 4.830 sec Buffer length: 4.870 sec base\_footprint\_wheel base\_footprint Broadcaster: /hsrb/robot\_state/robot\_state\_pub Average rate: 10000.000 Hz Most recent transform: 0.000 ( 1519150379.954 sec old) Buffer length: 0.000 sec Broadcaster: /hsrb/robot\_state\_pub Broadcaster: /hsrb/robot\_state/robot\_state\_pub Broadcaster: /hsrb/robot\_state/robot\_state\_pub Broadcaster: /hsrb/robot\_state/robot\_state\_pub Broadcaster: /hsrb/robot\_state/robot\_state\_pub Average rate: 10000.000 Hz Average rate: 10000.000 Hz Average rate: 25.833 Hz Average rate: 25.833 Hz Average rate: 25.833 Hz Most recent transform: 1519150379.846 ( 0.108 sec old) Most recent transform: 0.000 (1519150379.954 sec old) | Most recent transform: 0.000 (1519150379.954 sec old) | Most recent transform: 1519150379.846 (0.108 sec old) Most recent transform: 1519150379.846 ( 0.108 sec old) Buffer length: 0.000 sec Buffer length: 0.000 sec Buffer length: 4.800 sec Buffer length: 4.800 sec Buffer length: 4.800 sec arm\_lift\_link base\_roll\_link base\_imu\_frame base\_range\_sensor\_link torso\_lift\_link Broadcaster: /hsrb/robot\_state\_pub Broadcaster: /hsrb/robot\_state/robot\_state\_pub Broadcaster: /hsrb/robot\_state/robot\_state\_pub Broadcaster: /hsrb/robot\_state/robot\_state\_pub Broadcaster: /hsrb/robot\_state/robot\_state\_pub Broadcaster: /hsrb/robot\_state/robot\_state\_pub Average rate: 25.833 Hz Most recent transform: 1519150379.846 ( 0.108 sec old) Most recent transform: 1519150379.846 (0.108 sec old) | Most recent transform: 1519150379.846 (0.108 sec old) Most recent transform: 1519150379.846 (0.108 sec old) /Most recent transform: 1519150379.846 (0.108 sec old) Most recent transform: 1519150379.846 ( 0.108 sec old) Buffer length: 4.800 sec base\_l\_passive\_wheel\_x\_frame base\_r\_passive\_wheel\_x\_frame head\_pan\_link arm\_flex\_link base\_l\_drive\_wheel\_link base\_r\_drive\_wheel\_link Broadcaster: /hsrb/robot\_state/robot\_state\_pub Broadcaster: /hsrb/robot\_state/robot\_state\_pub Broadcaster: /hsrb/robot\_state/robot\_state\_pub Broadcaster: /hsrb/robot\_state/robot\_state\_pub Average rate: 25.833 Hz Average rate: 25.833 Hz Average rate: 25.833 Hz Average rate: 25.833 Hz Most recent transform: 1519150379.846 ( 0.108 sec old) Buffer length: 4.800 sec Buffer length: 4.800 sec Buffer length: 4.800 sec Buffer length: 4.800 sec head\_tilt\_link arm\_roll\_link base\_r\_passive\_wheel\_y\_frame base\_l\_passive\_wheel\_y\_frame Broadcaster: /hsrb/robot\_state/robot\_state\_pub Broadcaster: /hsrb/robot\_state\_pub Broadcaster: /hsrb/robot\_state\_pub Broadcaster: /hsrb/robot\_state\_pub Broadcaster: /hsrb/robot\_state/robot\_state\_pub Broadcaster: /hsrb/robot\_state/robot\_state\_pub Broadcaster: /hsrb/robot\_state/robot\_state\_pub Average rate: 25.833 Hz Average rate: 10000.000 Hz Average rate: 10000.000 Hz Average rate: 25.833 Hz Average rate: 25.833 Hz Average rate: 10000.000 Hz Average rate: 10000.000 Hz Most recent transform: 0.000 ( 1519150379.954 sec old) Most recent transform: 1519150379.846 ( 0.108 sec old) Most recent transform: 1519150379.846 ( 0.108 sec old) Most recent transform: 1519150379.846 ( 0.108 sec old) Buffer length: 4.800 sec Buffer length: 4.800 sec Buffer length: 4.800 sec Buffer length: 0.000 sec Buffer length: 0.000 sec Buffer length: 0.000 sec Buffer length: 0.000 sec wrist\_flex\_link base\_r\_passive\_wheel\_z\_link head\_rgbd\_sensor\_link base\_l\_passive\_wheel\_z\_link head\_l\_stereo\_camera\_link head\_center\_camera\_frame head\_r\_stereo\_camera\_link Broadcaster: /hsrb/robot\_state/robot\_state\_pub Broadcaster: /hsrb/camera\_frame\_tf\_publisher Broadcaster: /hsrb/robot\_state\_pub Broadcaster: /hsrb/robot state/robot state pub Broadcaster: /hsrb/robot state/robot state pub Broadcaster: /hsrb/robot\_state/robot\_state\_pub Average rate: 10000.000 Hz Average rate: 10000.000 Hz Average rate: 25.833 Hz Average rate: 10000.000 Hz Average rate: 10000.000 Hz Average rate: 10000.000 Hz Most recent transform: 0.000 (1519150379.954 sec old) Most recent transform: 0.000 (1519150379.954 sec old) Most recent transform: 0.000 ( 1519150379.954 sec old) Most recent transform: 1519150379.846 ( 0.108 sec old) Most recent transform: 0.000 (1519150379.954 sec old) Most recent transform: 0.000 (1519150379.954 sec old) Buffer length: 4.800 sec Buffer length: 0.000 sec wrist\_roll\_link head\_center\_camera\_gazebo\_frame head\_l\_stereo\_camera\_frame head\_l\_stereo\_camera\_gazebo\_frame head\_r\_stereo\_camera\_gazebo\_frame head\_rgbd\_sensor\_gazebo\_frame Broadcaster: /hsrb/robot\_state/robot\_state\_pub Broadcaster: /hsrb/robot\_state/robot\_state\_pub Broadcaster: /hsrb/rgbd\_sensor\_rgb\_frame\_tf\_publisher Average rate: 10000.000 Hz Average rate: 10000.000 Hz Average rate: 10000.000 Hz Most recent transform: 0.000 ( 1519150379.954 sec old) \ Most recent transform: 0.000 ( 1519150379.954 sec old) Most recent transform: 0.000 ( 1519150379.954 sec old) Buffer length: 0.000 sec Buffer length: 0.000 sec Buffer length: 0.000 sec hand\_palm\_link head\_rgbd\_sensor\_rgb\_frame wrist\_ft\_sensor\_frame Broadcaster: /hsrb/robot state/robot state pub Broadcaster: /hsrb/robot\_state/robot\_state\_pub Broadcaster: /hsrb/robot\_state/robot\_state\_pub Broadcaster: /hsrb/robot\_state/robot\_state\_pub Average rate: 10000.000 Hz Average rate: 25.833 Hz Average rate: 25.833 Hz Average rate: 25.833 Hz Most recent transform: 0.000 (1519150379.954 sec old) | Most recent transform: 1519150379.846 (0.108 sec old) Most recent transform: 1519150379.846 ( 0.108 sec old) Most recent transform: 1519150379.846 ( 0.108 sec old) Buffer length: 0.000 sec Buffer length: 4.800 sec Buffer length: 4.800 sec Buffer length: 4.800 sec hand\_l\_proximal\_link hand\_motor\_dummy\_link hand\_r\_proximal\_link hand\_camera\_frame Broadcaster: /hsrb/robot\_state/robot\_state\_pub Broadcaster: /hsrb/robot\_state/robot\_state\_pub Broadcaster: /hsrb/robot\_state/robot\_state\_pub Average rate: 25.833 Hz Average rate: 10000.000 Hz Average rate: 25.833 Hz Most recent transform: 0.000 ( 1519150379.954 sec old) Most recent transform: 1519150379.846 ( 0.108 sec old) Most recent transform: 1519150379.846 ( 0.108 sec old) Buffer length: 0.000 sec Buffer length: 4.800 sec Buffer length: 4.800 sec hand\_r\_spring\_proximal\_link hand\_l\_spring\_proximal\_link hand\_camera\_gazebo\_frame Broadcaster: /hsrb/robot state/robot state pub Broadcaster: /hsrb/robot\_state/robot\_state\_pub Average rate: 25.833 Hz Average rate: 25.833 Hz Most recent transform: 1519150379.846 ( 0.108 sec old) Most recent transform: 1519150379.846 ( 0.108 sec old) Buffer length: 4.800 sec Buffer length: 4.800 sec hand\_l\_mimic\_distal\_link hand\_r\_mimic\_distal\_link Broadcaster: /hsrb/robot\_state/robot\_state\_pub Broadcaster: /hsrb/robot\_state/robot\_state\_pub Average rate: 25.833 Hz Average rate: 25.833 Hz Most recent transform: 1519150379.846 ( 0.108 sec old) Most recent transform: 1519150379.846 ( 0.108 sec old) Buffer length: 4.800 sec Buffer length: 4.800 sec hand\_l\_distal\_link hand\_r\_distal\_link

Broadcaster: /hsrb/robot state/robot state pub

Average rate: 10000.000 Hz

Buffer length: 0.000 sec

hand\_l\_finger\_tip\_frame

Most recent transform: 0.000 ( 1519150379.954 sec old)

Broadcaster: /hsrb/robot\_state/robot\_state\_pub

Average rate: 10000.000 Hz

Most recent transform: 0.000 ( 1519150379.954 sec old)

Buffer length: 0.000 sec

hand\_l\_finger\_vacuum\_frame

Broadcaster: /hsrb/robot\_state/robot\_state\_pub

Average rate: 10000.000 Hz

Most recent transform: 0.000 ( 1519150379.954 sec old)

Buffer length: 0.000 sec

hand\_r\_finger\_tip\_frame