Recorded at time: 1522868998.086 map Broadcaster: /bring\_to\_map Average rate: 10.179 Hz Most recent transform: 1522868998.089 ( -0.003 sec old) Buffer length: 4.814 sec world Broadcaster: /rob\_st\_pub Average rate: 10000.000 Hz Most recent transform: 0.000 ( 1522868998.086 sec old) Buffer length: 0.000 sec Locomotion Broadcaster: /rob\_st\_pub Average rate: 10.208 Hz Most recent transform: 1522868998.064 ( 0.022 sec old) Buffer length: 4.800 sec Turntable Broadcaster: /rob\_st\_pub Average rate: 10.208 Hz Most recent transform: 1522868998.064 ( 0.022 sec old) Buffer length: 4.800 sec XGantry Broadcaster: /rob\_st\_pub Broadcaster: /ZGantry\_midPoint Broadcaster: /rob\_st\_pub Average rate: 10.208 Hz Average rate: 10000.000 Hz Average rate: 10.183 Hz Most recent transform: 0.000 ( 1522868998.086 sec old) Most recent transform: 1522868998.113 ( -0.026 sec old) Most recent transform: 1522868998.064 ( 0.022 sec old) Buffer length: 0.000 sec Buffer length: 4.812 sec Buffer length: 4.800 sec ZGantry\_to\_arm Kinectv2 IK\_reference Broadcaster: /kinectCAD\_to\_KinectCAD2 Broadcaster: /rob\_st\_pub Average rate: 10.168 Hz Average rate: 10.208 Hz Most recent transform: 1522868998.164 ( -0.078 sec old) Most recent transform: 1522868998.064 ( 0.022 sec old) Buffer length: 4.800 sec Buffer length: 4.917 sec Kinectv2\_adjust arm\_link Broadcaster: /rob\_st\_pub Broadcaster: /kinectCAD\_to\_kinectMeasure Average rate: 10.183 Hz Average rate: 10.208 Hz Most recent transform: 1522868998.162 ( -0.075 sec old) Most recent transform: 1522868998.064 ( 0.022 sec old) Buffer length: 4.910 sec Buffer length: 4.800 sec end\_effctor\_link Kinectv2\_measure Broadcaster: /rob\_st\_pub Broadcaster: /kinect2 Broadcaster: /kinect\_base Average rate: 94.951 Hz Average rate: 10.208 Hz Average rate: 10.181 Hz Most recent transform: 1522868998.103 (-0.016 sec old) Most recent transform: 1522868998.143 ( -0.056 sec old) Most recent transform: 1522868998.064 ( 0.022 sec old) Buffer length: 4.992 sec Buffer length: 4.800 sec Buffer length: 4.813 sec my\_base\_rgb\_optical\_frame my\_base\_link end\_effctor Broadcaster: /kinect\_node\_4298\_1522868883845 Broadcaster: /kinect2 Average rate: 85.860 Hz Average rate: 1.582 Hz Most recent transform: 1522868998.061 ( 0.026 sec old) Most recent transform: 1522868997.449 ( 0.638 sec old) Buffer length: 3.793 sec Buffer length: 4.950 sec my\_base\_ir\_optical\_frame actuator

view\_frames Result