

view\_frames Result  
Recorded at time: 4280.390

odom

Broadcaster: /ekf localization  
Average rate: 50.201 Hz  
Most recent transform: 4280.380 ( 0.010 sec old)  
Buffer length: 4.980 sec

base\_link

Broadcaster: /robot state publisher  
Average rate: 10000.000 Hz  
Most recent transform: 0.000 ( 4280.390 sec old)  
Buffer length: 0.000 sec

Broadcaster: /robot state publisher  
Average rate: 10000.000 Hz  
Most recent transform: 0.000 ( 4280.390 sec old)  
Buffer length: 0.000 sec

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Average rate: 10000.000 Hz  
Most recent transform: 0.000 ( 4280.390 sec old)  
Buffer length: 0.000 sec

Broadcaster: /robot state publisher  
Average rate: 50.202 Hz  
Most recent transform: 4280.370 ( 0.020 sec old)  
Buffer length: 4.960 sec

Broadcaster: /robot state publisher  
Average rate: 50.202 Hz  
Most recent transform: 4280.370 ( 0.020 sec old)  
Buffer length: 4.960 sec

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Average rate: 50.202 Hz  
Most recent transform: 4280.370 ( 0.020 sec old)  
Buffer length: 4.960 sec

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Average rate: 50.202 Hz  
Most recent transform: 4280.370 ( 0.020 sec old)  
Buffer length: 4.960 sec

base\_footprint

front\_bumper\_link

imu\_link

inertial\_link

top\_chassis\_link

rear\_bumper\_link

top\_plate\_link

user\_rail\_link

front\_left\_wheel\_link

front\_right\_wheel\_link

rear\_left\_wheel\_link

rear\_right\_wheel\_link

Broadcaster: /robot state publisher  
Average rate: 10000.000 Hz  
Most recent transform: 0.000 ( 4280.390 sec old)  
Buffer length: 0.000 sec

os1\_base\_link

Broadcaster: /robot state publisher  
Average rate: 10000.000 Hz  
Most recent transform: 0.000 ( 4280.390 sec old)  
Buffer length: 0.000 sec

os1\_baseplate

Broadcaster: /robot state publisher  
Average rate: 10000.000 Hz  
Most recent transform: 0.000 ( 4280.390 sec old)  
Buffer length: 0.000 sec

os1

Broadcaster: /robot state publisher  
Average rate: 10000.000 Hz  
Most recent transform: 0.000 ( 4280.390 sec old)  
Buffer length: 0.000 sec

os1\_imu

Broadcaster: /robot state publisher  
Average rate: 10000.000 Hz  
Most recent transform: 0.000 ( 4280.390 sec old)  
Buffer length: 0.000 sec

os1\_lidar

Broadcaster: /robot state publisher  
Average rate: 10000.000 Hz  
Most recent transform: 0.000 ( 4280.390 sec old)  
Buffer length: 0.000 sec

top\_plate\_front\_link

Broadcaster: /robot state publisher  
Average rate: 10000.000 Hz  
Most recent transform: 0.000 ( 4280.390 sec old)  
Buffer length: 0.000 sec

top\_plate\_rear\_link