

view\_frames Result  
Recorded at time: 54.864

map

Broadcaster: /amcl\_jackal0  
Average rate: 50.223 Hz  
Most recent transform: 55.838 ( -0.974 sec old)  
Buffer length: 4.480 sec

jackal0/odom

Broadcaster: /amcl\_jackal1  
Average rate: 50.223 Hz  
Most recent transform: 55.840 ( -0.976 sec old)  
Buffer length: 4.480 sec

jackal1/odom

Broadcaster: /jackal0/local\_ekf\_localization  
Average rate: 50.223 Hz  
Most recent transform: 54.940 ( -0.076 sec old)  
Buffer length: 4.480 sec

jackal0/base\_link

Broadcaster: /jackal1/local\_ekf\_localization  
Average rate: 50.122 Hz  
Most recent transform: 54.949 ( -0.085 sec old)  
Buffer length: 4.509 sec

jackal1/base\_link

Broadcaster: /jackal0/robot\_state\_publisher  
Average rate: 10000.000 Hz  
Most recent transform: 0.000 ( 54.864 sec old)  
Buffer length: 0.000 sec

jackal0/chassis\_link

Broadcaster: /jackal1/robot\_state\_publisher  
Average rate: 10000.000 Hz  
Most recent transform: 0.000 ( 54.864 sec old)  
Buffer length: 0.000 sec

jackal1/chassis\_link

Broadcaster: /jackal0/robot\_state\_publisher  
Average rate: 10000.000 Hz  
Most recent transform: 0.000 ( 54.864 sec old)  
Buffer length: 0.000 sec

Broadcaster: /jackal0/robot\_state\_publisher  
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Buffer length: 0.000 sec

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Average rate: 10000.000 Hz  
Most recent transform: 0.000 ( 54.864 sec old)  
Buffer length: 0.000 sec

Broadcaster: /jackal0/robot\_state\_publisher  
Average rate: 50.223 Hz  
Most recent transform: 54.850 ( 0.014 sec old)  
Buffer length: 4.480 sec

Broadcaster: /jackal0/robot\_state\_publisher  
Average rate: 50.223 Hz  
Most recent transform: 54.850 ( 0.014 sec old)  
Buffer length: 4.480 sec

Broadcaster: /jackal0/robot\_state\_publisher  
Average rate: 50.223 Hz  
Most recent transform: 54.850 ( 0.014 sec old)  
Buffer length: 4.480 sec

Broadcaster: /jackal0/robot\_state\_publisher  
Average rate: 50.223 Hz  
Most recent transform: 54.850 ( 0.014 sec old)  
Buffer length: 4.480 sec

jackal0/fenders\_link

jackal0/mid\_mount

jackal0/imu\_link

jackal0/navsat\_link

jackal0/front\_left\_wheel\_link

jackal0/front\_right\_wheel\_link

jackal0/rear\_left\_wheel\_link

jackal0/rear\_right\_wheel\_link

Broadcaster: /jackal1/robot\_state\_publisher  
Average rate: 10000.000 Hz  
Most recent transform: 0.000 ( 54.864 sec old)  
Buffer length: 0.000 sec

Broadcaster: /jackal1/robot\_state\_publisher  
Average rate: 10000.000 Hz  
Most recent transform: 0.000 ( 54.864 sec old)  
Buffer length: 0.000 sec

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Average rate: 10000.000 Hz  
Most recent transform: 0.000 ( 54.864 sec old)  
Buffer length: 0.000 sec

Broadcaster: /jackal1/robot\_state\_publisher  
Average rate: 10000.000 Hz  
Most recent transform: 0.000 ( 54.864 sec old)  
Buffer length: 0.000 sec

Broadcaster: /jackal1/robot\_state\_publisher  
Average rate: 50.223 Hz  
Most recent transform: 54.849 ( 0.015 sec old)  
Buffer length: 4.480 sec

Broadcaster: /jackal1/robot\_state\_publisher  
Average rate: 50.223 Hz  
Most recent transform: 54.849 ( 0.015 sec old)  
Buffer length: 4.480 sec

Broadcaster: /jackal1/robot\_state\_publisher  
Average rate: 50.223 Hz  
Most recent transform: 54.849 ( 0.015 sec old)  
Buffer length: 4.480 sec

Broadcaster: /jackal1/robot\_state\_publisher  
Average rate: 50.223 Hz  
Most recent transform: 54.849 ( 0.015 sec old)  
Buffer length: 4.480 sec

jackal1/fenders\_link

jackal1/mid\_mount

jackal1/imu\_link

jackal1/navsat\_link

jackal1/front\_left\_wheel\_link

jackal1/front\_right\_wheel\_link

jackal1/rear\_left\_wheel\_link

jackal1/rear\_right\_wheel\_link

Broadcaster: /jackal1/robot\_state\_publisher  
Average rate: 10000.000 Hz  
Most recent transform: 0.000 ( 54.864 sec old)  
Buffer length: 0.000 sec

Broadcaster: /jackal1/robot\_state\_publisher  
Average rate: 10000.000 Hz  
Most recent transform: 0.000 ( 54.864 sec old)  
Buffer length: 0.000 sec

jackal1/front\_mount

jackal1/rear\_mount

Broadcaster: /jackal1/robot\_state\_publisher  
Average rate: 10000.000 Hz  
Most recent transform: 0.000 ( 54.864 sec old)  
Buffer length: 0.000 sec

jackal1/front\_laser\_mount

Broadcaster: /jackal1/robot\_state\_publisher  
Average rate: 10000.000 Hz  
Most recent transform: 0.000 ( 54.864 sec old)  
Buffer length: 0.000 sec

jackal1/front\_laser

Broadcaster: /jackal0/robot\_state\_publisher  
Average rate: 10000.000 Hz  
Most recent transform: 0.000 ( 54.864 sec old)  
Buffer length: 0.000 sec

Broadcaster: /jackal0/robot\_state\_publisher  
Average rate: 10000.000 Hz  
Most recent transform: 0.000 ( 54.864 sec old)  
Buffer length: 0.000 sec

jackal0/front\_mount

jackal0/rear\_mount

Broadcaster: /jackal0/robot\_state\_publisher  
Average rate: 10000.000 Hz  
Most recent transform: 0.000 ( 54.864 sec old)  
Buffer length: 0.000 sec

jackal0/front\_laser\_mount

Broadcaster: /jackal0/robot\_state\_publisher  
Average rate: 10000.000 Hz  
Most recent transform: 0.000 ( 54.864 sec old)  
Buffer length: 0.000 sec

jackal0/front\_laser