

Simulation Details

Iterations

1

0

1

1

Status: Success

Start time: 7/15/2021, 4:01:35 AM

Real time duration: 00 : 02 : 32.000

Simulation time duration: 00 : 02 : 0.000

Lincoln2017MKZ

Bridge type: CyberRT

Connection: N/A

Analysis

Visualization

Sensors

IMU [Simulator.Sensors.ImuSensor]

minX: 0 km  
maxX: 395.071 km  
minGyroX: -0.001 °  
maxGyroX: 0.001 °  
minY: 0 km  
maxY: 652.26 km  
minGyroY: -0.001 °  
maxGyroY: 0.002 °  
minZ: 0 km  
maxZ: 10.563 km  
minGyroZ: 0 °  
maxGyroZ: 0.469 °

Signal Sensor [Simulator.Sensors.SignalSensor]

SignalsDetected: 0 counts  
DetectedStates: red,green,yellow misc

CAN Bus [Simulator.Sensors.CanBusSensor]

GearUsed: 1  
MaxSpeed: 12.052 m/s  
MaxThrottle: 0 (user input)  
MaxBrake: 0 (user input)  
MaxSteering: 0 °

Wheel Car Control [Simulator.Sensors.WheelControlSensor]

MaxSteer: 0 (user input)  
MaxAccel: 0 (user input)  
MaxBrake: 0 (user input)

GPS [Simulator.Sensors.GpsSensor]

Start Latitude: 37.788 °  
Start Longitude: -122.4 °  
Start Altitude: 0.352 m  
Start Northing: 4,182,486.02 m East  
Start Easting: 552,872.635 m North  
Start Map Url: [open Google Maps](#)  
Latitude: 37.794 °  
Longitude: -122.395 °  
Altitude: 10.556 m  
Northing: 4,183,138.28 m East  
Easting: 553,269.054 m North  
Map Url: [open Google Maps](#)

GPS INS Status [Simulator.Sensors.GpsInsSensor]

Status: 3 misc  
Position Type: 56 misc

Clock Sensor [Simulator.Sensors.ClockSensor]

SimulationDuration: 120 seconds  
RealtimeDuration: 120.045 seconds

Keyboard Car Control [Simulator.Sensors.KeyboardControlSensor]

MaxSteer: 0 (user input)  
MaxAccel: 0 (user input)  
MaxBrake: 0 (user input)

3D Ground Truth [Simulator.Sensors.PerceptionSensor3D]

MaxTracked: 9 counts

Apollo Car Control [Simulator.Sensors.ApolloControlSensor]

MaxSteer: 0.01 (user input)  
MaxAccel: 0.542 (user input)  
MaxBrake: 0 (user input)  
IsControlReceived: true misc

GPS Odometry [Simulator.Sensors.GpsOdometrySensor]

Start Latitude: 37.788 °  
Start Longitude: -122.4 °  
Start Altitude: 0.352 m  
Start Northing: 4,182,486.02 m East  
Start Easting: 552,872.635 m North  
Start Map Url: [open Google Maps](#)  
Latitude: 37.794 °  
Longitude: -122.395 °  
Altitude: 10.556 m  
Northing: 4,183,138.28 m East  
Easting: 553,269.054 m North  
Map Url: [open Google Maps](#)

Callbacks