bdd Autonomous Vehicle

<<system>>
Autonomous Vehicle

<<subsystem>>
Directional Movement

<<subsystem>>
Collector

<<subsystem>>
Object Detection

Co-ordinate

Map

Chasis

Gripper

Sensors

Micro-Controller

IR Sensors

Ultrasonic Sensor

<<verify>>

<<constraint>>
ConstraintBlock

constraints
-x: longitude
-y- latitude
-target_location
-initial_location

parameters
x: Real
y: Real