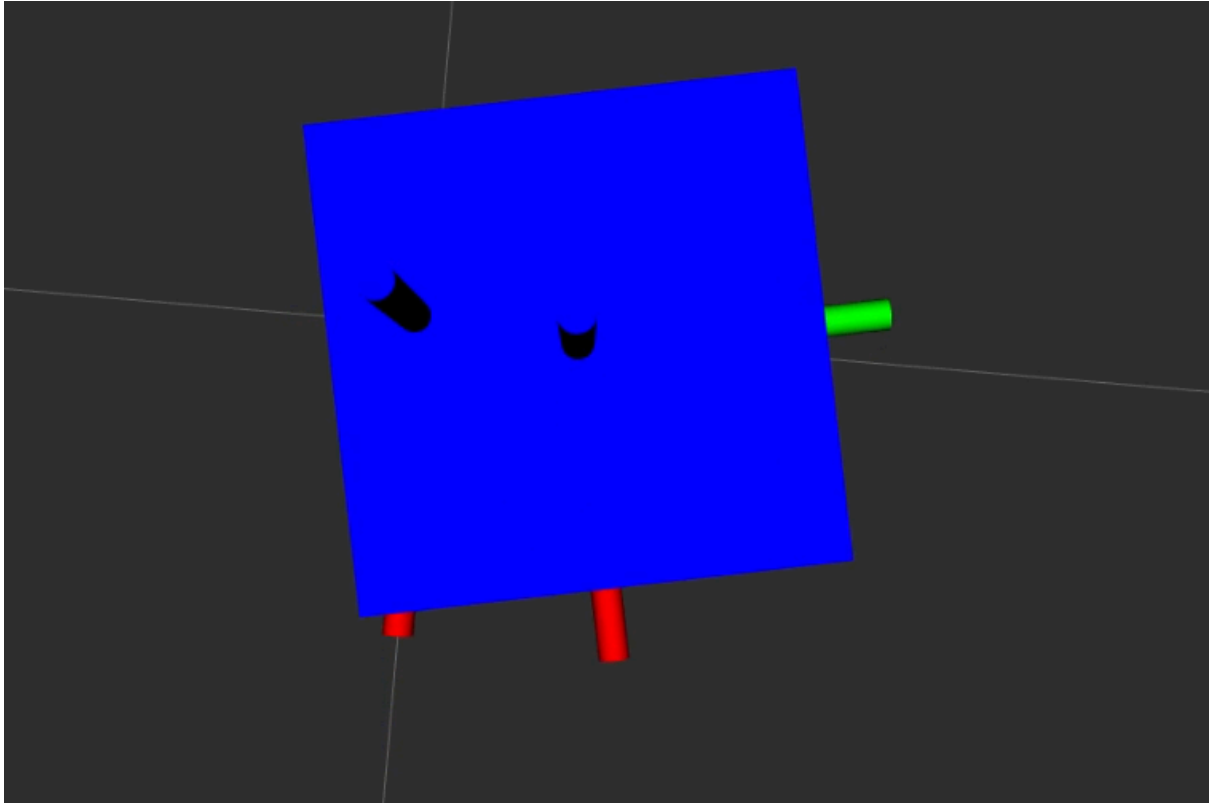


System Test for Odometry Sim













Group 4: Rik van Velzen, Melissa van Leeuwen, Burhan Topaloglu



This document details the testing we have performed for our package solution.

Mecanum wheel directions for testing

MECANUM WHEEL PRIMAL DIRECTIONS

Direction	FL	FR	RL	RR
FORWARD				
RIGHT				
ROTATE (CW)				

Node/Unit Tests

Does every Unit work?

The unit tests can be found in separate pdf files in the “node-tests” folder.

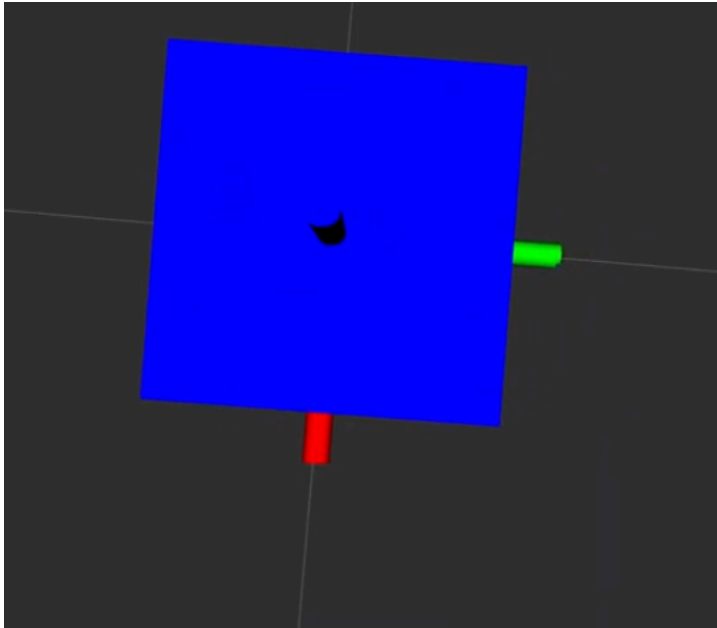
System Test/Integration test

Does the entire system work together?

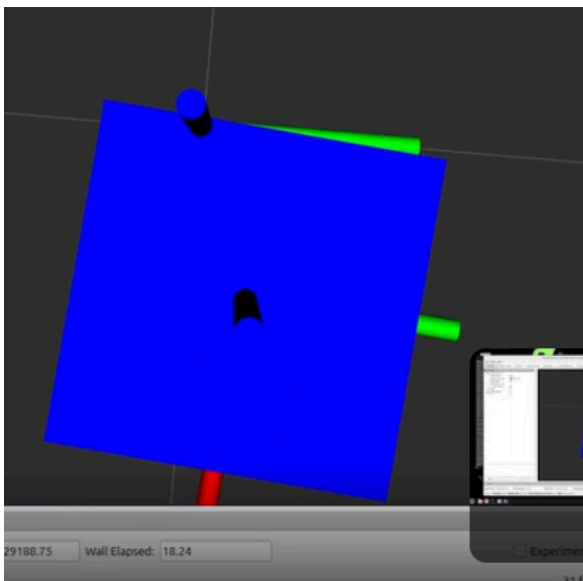
Expected output for whole system:

Rviz2 starts up, and shows a visualisation of the position data, currently configured in a diamond/square shape.

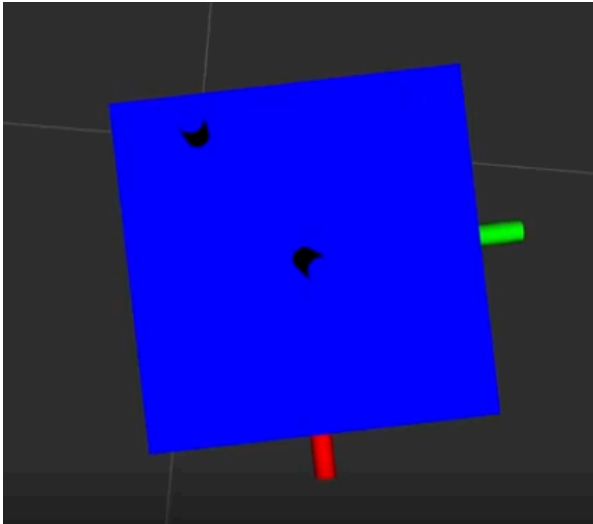
Real output, simple visualisation mecanum wheel data
(30-11-2025):



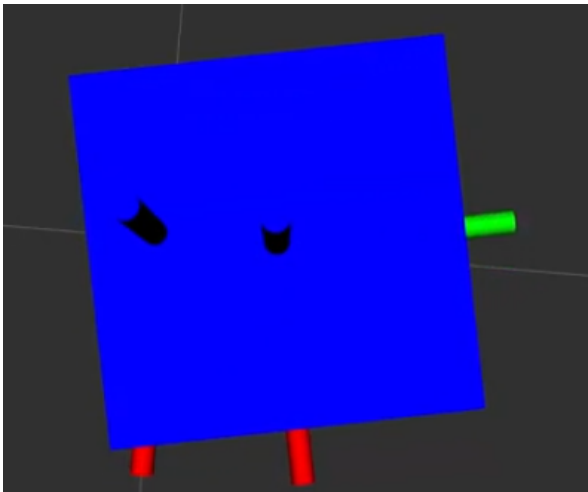
Start



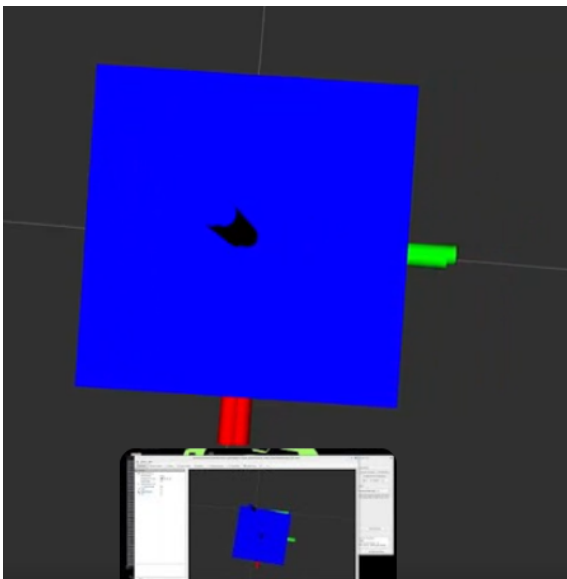
First corner



Second corner



Third corner



Back to beginning