

MC1 Testing Specification

Purpose: Test the motor control component using the default options.

Requires:

1. Raspberry Pi.
 - a. Running either Stretch or Buster.
 - b. All necessary Python packages loaded.
2. Android device with robot control app loaded.

Procedure:

1. Run [mc1.csv](#) in Banyan launcher.
2. Connect Androd app via Bluetooth.
3. Using the Android app, test all six motion buttons.
4. Allow robot to collide with wall and observe that it backs away.
5. Check coverage report to confirm that all expected lines of code were executed.