

Controlling Single-Joint Motion

Preparation

M5Stack series: Make sure robot is connected with PC.

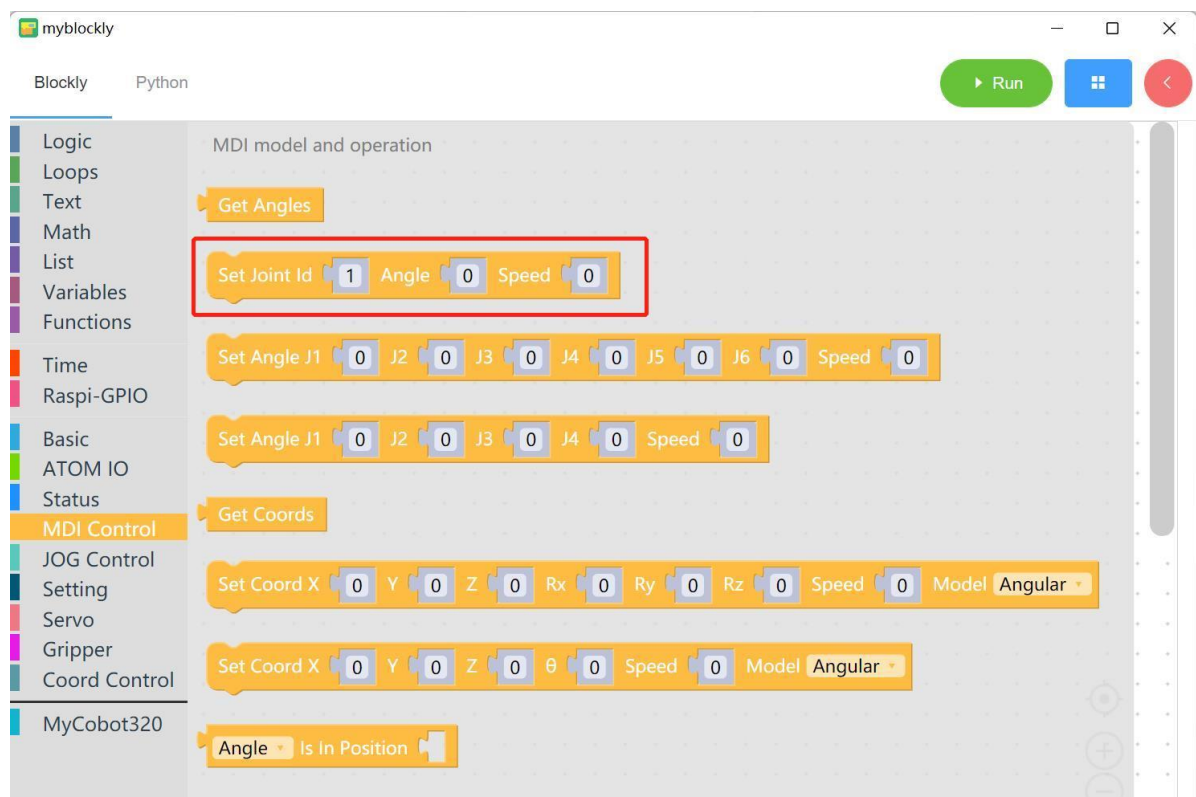
Other series: Make sure the robot is in normal status.

Purpose for this section

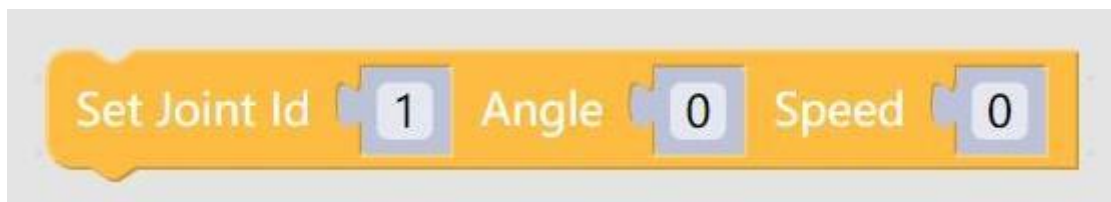
This section introduces instructions for controlling single-joint motion.

Introduction to API

- Set Joint Id Angle Speed



- Applicable to myCobot 280 series, myCobot 320 series, myCobot Pro 600 series and myPalletizer 260 series



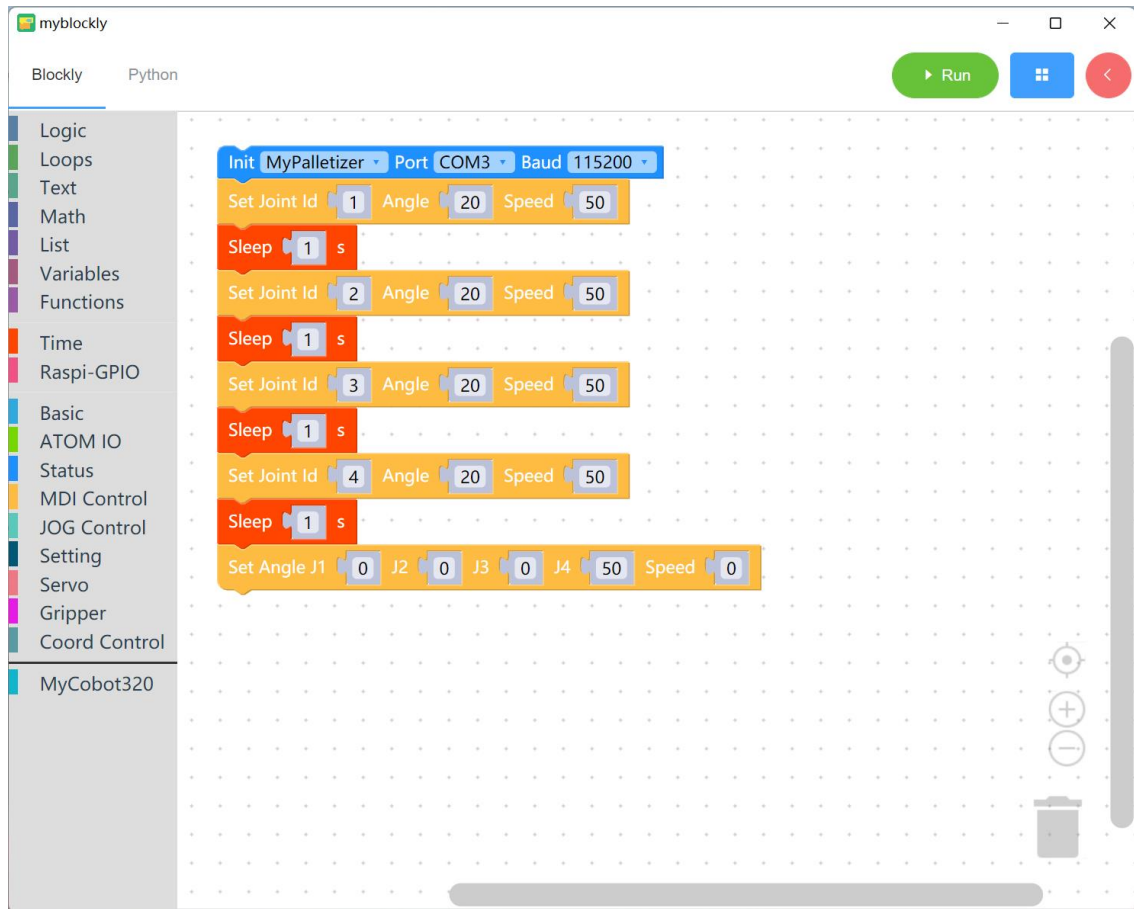
- Parameters:
Joint Id range: 1-6 (myCobot 280 series, myCobot 320 series and myCobot Pro 600 series)
1-4 (myPalletizer 260 series)
Angle: set it within its due range according to your needs.

Speed range: 1-100

- Function: controlling single-joint motion

Simple Demo

- Program for display:



- Motion:

Joint 1 move to 20 degree angle at the speed of 50,

Joint 2 move to 20 degree angle at the speed of 50 in 1 second,

Joint 3 move to 20 degree angle at the speed of 50 in 1 second,

Joint 4 move to 20 degree angle at the speed of 50 in 1 second,

all arms move to starting point in 1 second.