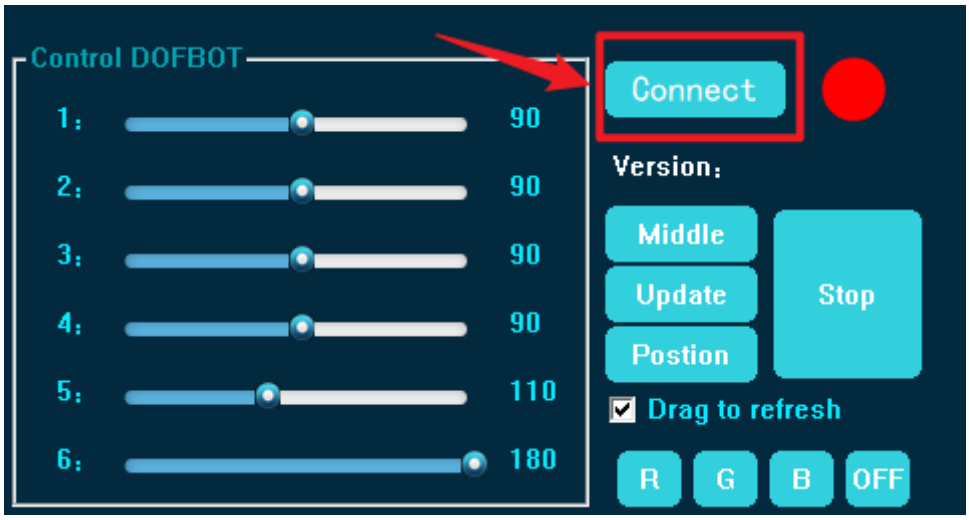
Set the dofbot servo ID

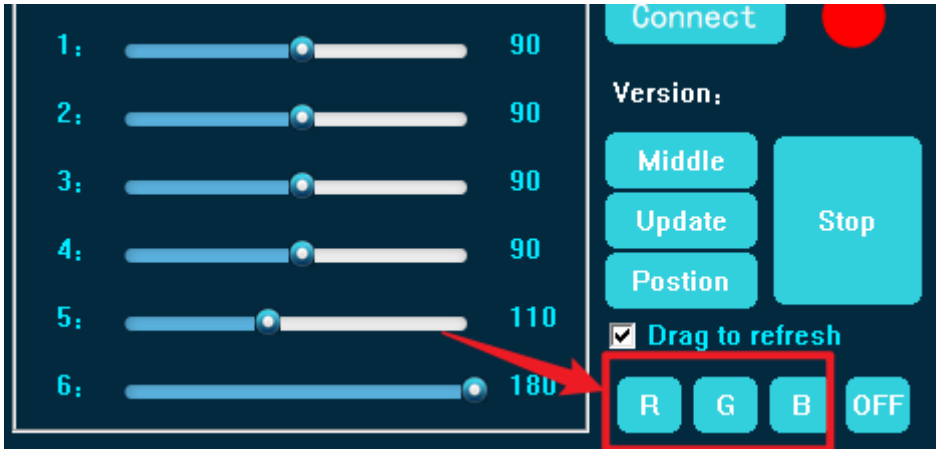
If the robot arm loses its servo ID for some reason, you can set the corresponding servo ID using the following method. Since the robot arm's servos are already installed and difficult to remove, we need to use the Set ID function on the host computer to set the servo ID.

Since each click on the Set ID function on the host computer sets all connected servos to the same ID, we need to start setting the ID from servo #6. After setting servo #6, unplug the cable to ensure it is no longer connected to other servos. Then, set the ID for servo #5 and unplug it again. Repeat this process until you finish setting servo #1. Finally, install all the cables.

1. Download the dofbot host computer from the documentation, power it on, and connect it to the robot arm.



2. First, confirm that the robotic arm can be controlled normally. Click the RGB light on the right to see if the RGB light on the expansion board is illuminated normally. If the RGB light does not illuminate, it indicates a connection failure. Please reconnect.



3. Find the "ID Number" in the center and change it to 6. Then click "Setting." Then unplug the cable from servo number 6.

4. Change the ID number to 5 and click "Setting." Then unplug the cable from servo #5.

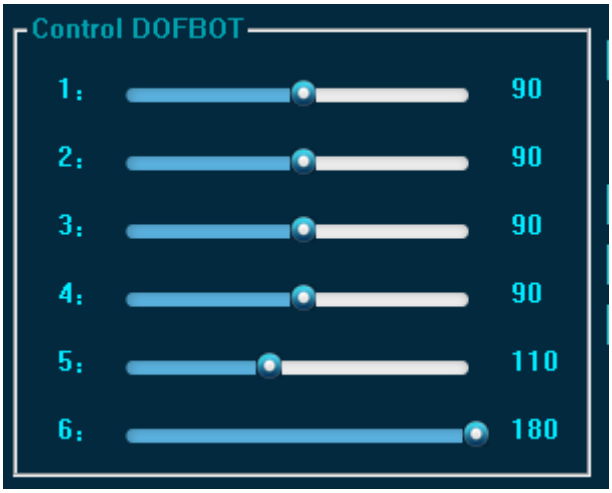
5. Change the ID number to 4 and click "Setting." Then unplug the cable from servo #4.

6. Change the ID number to 3 and click "Setting." Then unplug the cable from servo #3.

7. Change the 'ID number' to 2 and click 'Setting'. Then unplug the cable from servo number 2.

8. Change the 'ID number' to 1 and click 'Setting'.

9. Finally, connect all servos as before and test them by controlling each servo individually.



Note: Setting the ID number will set the same ID for all servos connected to the expansion board each time you run this function. To avoid problems caused by incorrect ID settings, please do not use this function regularly.