Dog adjusts height and posture

1. Purpose of the experiment

Learn to adjust the height and posture of the robot dog

2. Experimental path source code

Enter the robot dog system, end the robot dog program, enter "ip (ip is the robot dog's ip): 8888" in the browser, and enter the password "yahboom"

Then log in and go to **cd ~/DOGZILLA_Lite_class/3.Dog Base Control/03.Dog Adjust height and posture** and run **Adjust_height.ipynb** .

3. Experimental Phenomenon

After running the program, you can adjust the dog's height and posture.

4. Main source code analysis

1. dog.attitude(['r','p','y'],[vr,vp,vy]) Mechanical dog attitude adjustment

- r: roll angle direction; vr: is the value range of this direction [-20,20]
- p: direction of pitch angle; vp: is the value range of this direction [-15,15]
- y: direction of the yaw angle; vy: is the value range of this direction [-11,11]

1. dog.translation(['x','y','z'],[valuex,valuey,valuez])

- 'x': the front and back direction; valuex: is the numerical value range of this direction [-20,20]
- 'y': left and right direction; valuey: is the value range of this direction [-18,18]
- 'z': up and down direction; valuez: is the numerical range of this direction [75,115]