

ReadMe - learning route

The MicroROS-Pi5 car tutorial is divided into two parts, one half is a practical course and the other half is a theoretical course. We recommend taking practical courses first, letting the car run, and running through all the cases, and then go to the theoretical courses.

1. Practical courses

This part of the course includes:

- quick start control
- Robot control
- Ros+opencv course
- mediapipevisual identity
- Robot visual interaction
- Introduction to using radar
- Multi-machine function gameplay

Before proceeding with this part of the course, you need to go through all the contents of [Preparation before Development] to run it normally.

2. Theoretical courses

This part of the course includes:

- Linux operating system
- Raspberry Pi 5 basic settings
- Docker development environment
- ROS2 basic course
- Construction of microROS control board development environment
- microROS control board ESP32 basic routine
- microROS control board microros basic routines

This part of the course is a theoretical course and an extended course. You can choose to study according to your needs.