C# Environment building

1 Confirming development goals

Mycobot.csharp is a program used for serial communication with a robot. It contains simple use cases. If you want to make developments using C# to control the robots that have been developed by us, it is your choice.
Available for: **myCobot280, 320 and myPalletizer 260**.

Run the software recommended by Mycobot.csharp: vs2019 (Windows development), and MonoDevelop (Development on the Raspberry Pi robot arm).

2 Windows Environment Configuration

2.1 Installing vs2019

- Downloading: First download [vs2019](#) from the official website.
- Installation: After installation is complete, the interface shown in the figure below will appear. .NET desktop development is mainly chosen (This is just a suggestion, you can choose according to your own needs. The installation time of vs2019 is long).

3 Environment configuration of Raspberry Pi robot arm

3.1 Installing monodevelop

- Installation
  Execute the following commands in order to install it. You may also view the [instructions](#) on the official website.
  sudo apt install apt-transport-https dirmngr

sudo apt-key adv --keyserver hkp://keyserver.ubuntu.com:80 --recv-keys 3FA7E0328081BFF6A14DA29AA6A19B38D3D831EF echo "deb https://download.mono-project.com/repo/ubuntu vs-bionic main" | sudo tee /etc/apt/sources.list.d/mono-official-vs.list

sudo apt update

sudo apt-get install monodevelop

- Test

  Test whether the installation is successful. Check this document.