Slow Setup

To use the interface you need to install some programs which the interface uses. You will need an internet connection and you will need to open the terminal. In most distributions of Linux this can be done with "ctrl + alt + T" otherwise it will likely be in the start menu.

1 Install Asebamedulla

Aseba medulla is the software used to allow the interface to communicate with the Thymio. First, you will need to add the location of the program before you can download it and install it. Type the following in the terminal.

```
sudo add-apt-repository ppa:stephane.magnenat\`lsb_release -c -s`
```

After the repository has been added you will need to update the apt-get so its list include the new location.

```
sudo apt-get update
```

Now you can install the Aseba package which will install Asebamedulla.

```
sudo apt-get install Aseba
```

With this done, you can check that the package is installed correctly by typing the following.

```
sudo asebamedulla
```

If you see no errors then everything has worked and you can press "ctrl + C" to stop Asebamedulla from running so we can continue with installing the interface.

2 Install the Python Module

The interface is written in Python and requires a module called "scratchpy" to communicate with scratch. To install this module we will use a python package installer. Enter the following code in the terminal

```
sudo apt-get install python-pip
```

Now we can use Python-pip to install the module. Python-pip is used similar to apt-get. To install the module type the following.

```
sudo pip install scratchpy
```

With this done, the interface is almost ready to work.

4.3 Download the Interface

Now you need to download the actual program which will do the work. Go to the following link and click "download zip".

https://github.com/lazerduck/Thymio_python_interface
Now extract the files to somewhere convenient, for this example I will be using the desktop.

4 Install Scratch

The interface uses scratch 1.4 and uses its remote connections. To install scratch enter the following in the terminal

```
sudo apt-get install scratch
```