

## **Paw on Pi – instructions:**

### **1) Setup Raspbian on your Pi**

### **2) Installing Python PyUSB libraries**

To be able to control your USB device you will need the Python PyUSB libraries. The PyUSB libraries have been written in collaboration with a team of 'open-source' volunteers.

To download them, open the Midori web browser and visit: [goo.gl/5GBcD](http://goo.gl/5GBcD) This will give you the option to save the pyusb-1.0.0-a2.tar.gz into the Downloads folder.

In the Terminal window or command line – Type:

```
cd Downloads
```

Then expand the compressed tarball file:

```
tar xvf pyusb-1.0.0-a2.tar.gz
```

List the files and directories by typing 'ls'. You should see a new directory called "pyusb-1.0.0-a2".

Change directory by typing:

```
cd pyusb-1.0.0-a2
```

Type 'ls' again to see the contents of the directory.

Type

```
sudo python setup.py install'
```

### **3) Copy the example Python file into you working folder (or make a new one)**

### **4) Plug your FlowPaw via USB into the Raspberry Pi**

(Note that on Model A and B there isn't much USB power so you may have to disconnect the keyboard and mouse or use Bluetooth for these, Model B+ has the fixed usb power so should work just fine.

### **5) In order to gain the low level access you need to run the Python file form the Terminal Window or Command Line:**

Type:

```
sudo python MyExampleFile.py (eg: sudo python PawPiTest2.py)
```

and the program should run.