

Connect to the RaspBerry Pi through SSH

1) Find RaspBerry Pi IP Address (On the Pi terminal, check `BeginRaspBerryPi.pdf`):

```
#hostname -I
```

2) Connect to the RaspBerry Pi through SSH command to the <IP> from Step 1:

```
#ssh pi@<IP> (In my case 172.26.56.123)
```

3) Enter RaspBerry Pi password (it's 'raspberry' by default):

Ready! You can send commands via the terminal to the RaspBerry Pi now

4) Copy `unabto_sdk` to the RaspBerry Pi:

- Need to be connected first through SSH! (**Step 1->3**)

- Open a new terminal (Not the one you used to connect to the Raspberry Pi):

```
#scp -r unabto_sdk pi@<IP>:/home/pi/Downloads
```

Note!

- To copy a file from B to A while logged into B:

```
#scp /path/to/file username@a:/path/to/destination
```

- To copy a file from B to A while logged into A:

```
#scp username@b:/path/to/file /path/to/destination
```

5) On the RaspBerry Pi terminal (**pi@raspberrypi**) move (cd) into the following folder:

```
#cd /home/pi/Downloads/unabto_sdk/unabto/demo/pc_demo/unabto_unix
```

6) Install CMake:

```
#sudo apt-get install cmake
```

7) Run one after another the commands:

```
#cmake .
```

```
#make
```

8) Add a device name that will be your [deviceID] and also copy your unique [key] for the next step

9) Connect [deviceID] to platform through the special [key] from the platform:

```
#./unabto_unix -d [deviceID].demo.nab.to -s -k [key]
```

You should get the following message in the command line:

```
State change from WAIT_GSP to ATTACHED
```

10) Go now to the portal and open your connected device and now you can remote control your RaspBerry Pi LED.

Congrats !