

FreeSandal

樹莓派, 樹莓派之學習, 樹莓派之教育

【鼎革 · 革鼎】：RASPBIAN STRETCH 《六之 G.2 》

2017-11-16 | 懸鉤子 | 發表迴響

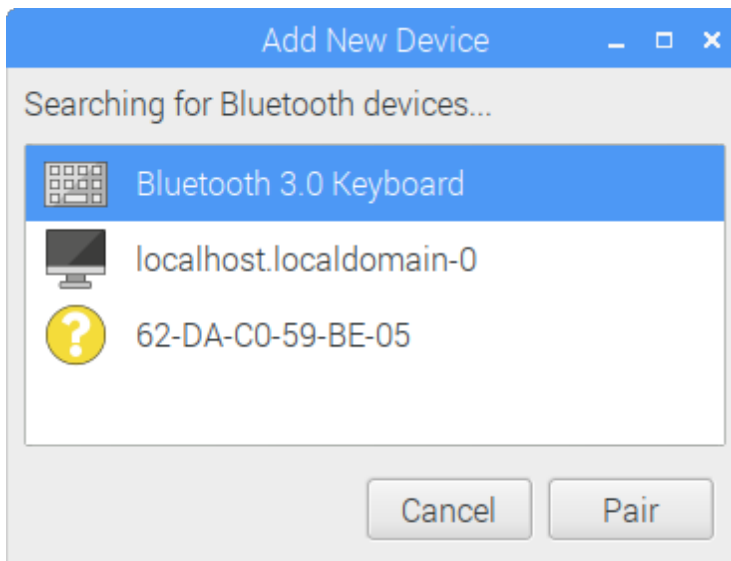
比之於

《W!o+ 的《小伶鼬工坊演義》：樹莓派 3 三兩事之藍牙篇【上】》

文本寫作那時，現下的 pi-bluetooth

```
1 pi@raspberrypi:~ $ apt-cache show pi-bluetooth
2 Package: pi-bluetooth
3 Version: 0.1.6
4 Architecture: armhf
5 Maintainer: Serge Schneider <serge@raspberrypi.org>
6 Installed-Size: 18
7 Depends: init-system-helpers (>= 1.18~), bluez, bluez-firmware, raspberrypi-sys-mods
8 Homepage: https://github.com/RPi-Distro/pi-bluetooth
9 Priority: optional
10 Section: misc
11 Filename: pool/main/p/pi-bluetooth/pi-bluetooth_0.1.6_armhf.deb
```

小程式可是方便多了！



```
1 pi@raspberrypi:~ $ apt-cache show bluez
2 Package: bluez
3 Version: 5.43-2+rpt2+deb9u2
4 Architecture: armhf
5 Maintainer: Debian Bluetooth Maintainers <pkg-bluetooth-maintainers@lists.alioth.debian.
```

```
1 pi@raspberrypi:~ $ systemctl status bluetooth
2 • bluetooth.service - Bluetooth service
3   Loaded: loaded (/lib/systemd/system/bluetooth.service; enabled; vendor preset: enable
4   Active: active (running) since Wed 2017-11-15 16:30:27 CST; 20s ago
5     Docs: man:bluetoothd(8)
6   Main PID: 500 (bluetoothd)
7     Status: "Running"
8     CGroup: /system.slice/bluetooth.service
9             └─500 /usr/lib/bluetooth/bluetoothd
10
11 11月 15 16:30:26 raspberrypi systemd[1]: Starting Bluetooth service...
12 11月 15 16:30:27 raspberrypi bluetoothd[500]: Bluetooth daemon 5.43
13 11月 15 16:30:27 raspberrypi systemd[1]: Started Bluetooth service.
14 11月 15 16:30:27 raspberrypi bluetoothd[500]: Starting SDP server
15 11月 15 16:30:27 raspberrypi bluetoothd[500]: Bluetooth management interface 1.14 initi
16 11月 15 16:30:27 raspberrypi bluetoothd[500]: Failed to obtain handles for "Service Cha
17 11月 15 16:30:27 raspberrypi bluetoothd[500]: Sap driver initialization failed.
18 11月 15 16:30:27 raspberrypi bluetoothd[500]: sap-server: Operation not permitted (1)
19 11月 15 16:30:27 raspberrypi bluetoothd[500]: Endpoint registered: sender=:1.5 path=/Me
20 11月 15 16:30:28 raspberrypi bluetoothd[500]: Endpoint registered: sender=:1.5 path=/Me
21 pi@raspberrypi:~ $
```

不過要是已批配且信賴之藍牙鍵盤與或滑鼠，不能重啟後容易主動連接：

```
1 pi@raspberrypi:~ $ bluetoothctl
2 [NEW] Controller B8:27:EB:68:1A:C4 raspberrypi [default]
3 [NEW] Device F1:A3:00:00:60:1D Bluetooth 3.0 Keyboard
4 [bluetooth]# power on
5 Changing power on succeeded
6 [bluetooth]# agent on
7 Agent registered
8 [bluetooth]# default-agent
9 Default agent request successful
10 [bluetooth]# list
11 Controller B8:27:EB:68:1A:C4 raspberrypi [default]
12 [bluetooth]# devices
13 Device F1:A3:00:00:60:1D Bluetooth 3.0 Keyboard
14 [bluetooth]# info F1:A3:00:00:60:1D
15 Device F1:A3:00:00:60:1D
16     Name: Bluetooth 3.0 Keyboard
17     Alias: Bluetooth 3.0 Keyboard
18     Class: 0x002540
19     Icon: input-keyboard
20     Paired: yes
21     Trusted: yes
22     Blocked: no
23     Connected: no
24     LegacyPairing: no
25     UUID: Human Interface Device... (00001124-0000-1000-8000-00805f9b34fb)
26     UUID: PnP Information (00001200-0000-1000-8000-00805f9b34fb)
27     Modalias: usb:v04E8p7021d011B
28 [CHG] Device F1:A3:00:00:60:1D Connected: yes
29 [CHG] Device F1:A3:00:00:60:1D Connected: no
30 [bluetooth]# connect F1:A3:00:00:60:1D
31 Attempting to connect to F1:A3:00:00:60:1D
32 [CHG] Device F1:A3:00:00:60:1D Connected: yes
33 Connection successful
34 [CHG] Device F1:A3:00:00:60:1D ServicesResolved: yes
35 [Bluetooth 3.0 Keyboard]# quit
36 Agent unregistered
37 [DEL] Controller B8:27:EB:68:1A:C4 raspberrypi [default]
38 pi@raspberrypi:~ $
```

實用上，豈非枉然耶??無怪乎早有『按時輪詢』之議也!!

Connect Bluetooth Keyboard at boot

clonmac

Tue Sep 06, 2016 11:19 pm

I am trying to configure the bluetooth on the RPi3 to automatically connect to my BT keyboard

when it boots up, but am unable to get it to work. Currently I am using Raspbian and it boots to the login screen via GUI. Would anyone be able to help me out on how to configure it so it connects at bootup? The device is trusted via bluetoothctl and I can connect to it fine once I am logged in and I connect it manually.