

Recompile Bluez

Aktueller Stand ist **Bluez 5.70**

- nötige Pakete installieren
`sudo apt install git build-essential libbluetooth-dev libglib2.0-dev libdbus-1-dev git automake libtool libudev-dev libical-dev libreadline-dev python3-docutils -y`
- Bluez klonen
`cd ~ && git clone https://github.com/bluez/bluez.git && cd bluez/`
- ggf. Tag auschecken
`git tag`
`git checkout 5.50`
ggf. find . -type f -exec sed -i 's/SIOCGSTAMP,/SIOCGSTAMP_OLD,/g' {} +
- ./bootstrap
- ./configure --prefix=/usr --mandir=/usr/share/man --sysconfdir=/etc --localstatedir=/var
- make clean && make -j4
- sudo make install
- ./bootstrap && ./configure --prefix=/usr --mandir=/usr/share/man --sysconfdir=/etc --localstatedir=/var && make clean && make -j && sudo make install
- Test
`btmon -v`

```
pi@Pi3Test:~/bluez $ btmon -v
5.70
pi@Pi3Test:~/bluez $ sudo btmon
Bluetooth monitor ver 5.70
= Note: Linux version 6.1.21-v7+ (armv7l)
= Note: Bluetooth subsystem version 2.22
= New Index: B8:27:EB:4E:F7:C9 (Primary,UART,hci0)
= Open Index: B8:27:EB:4E:F7:C9
= Index Info: B8:27:EB:4E:F7:C9 (Broadcom Corporation)
@ MGMT Open: bluetoothd (privileged) version 1.22
```

- sudo systemctl daemon-reload
- sudo systemctl restart bluetooth.service
- Check
`sudo systemctl status bluetooth.service`

```
pi@Pi3Test:~/bluez $ sudo systemctl status bluetooth.service
● bluetooth.service - Bluetooth service
   Loaded: loaded (/lib/systemd/system/bluetooth.service; enabled; vendor preset: enabled)
   Active: active (running) since Sun 2023-10-01 16:23:23 CEST; 32s ago
     Docs: man:bluetoothd(8)
   Main PID: 17606 (bluetoothd)
    Status: "Running"
     Tasks: 1 (limit: 1595)
        CPU: 129ms
   CGroup: /system.slice/bluetooth.service
           └─17606 /usr/libexec/bluetooth/bluetoothd
```

- sudo reboot

SIOCGSTAMP Error

- `nano tools/rctest.c`
 - nach SIOCGSTAMP und in SIOCGSTAMP_OLD umbenennen
- `nano tools/l2test.c`
 - nach SIOCGSTAMP und in SIOCGSTAMP_OLD umbenennen
- Kurzform
`find . -type f -exec sed -i 's/SIOCGSTAMP,/SIOCGSTAMP_OLD,/g' {} +`

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