

Processing and Android

TU / **e**

Technische Universiteit
Eindhoven
University of Technology

Where innovation starts

Today

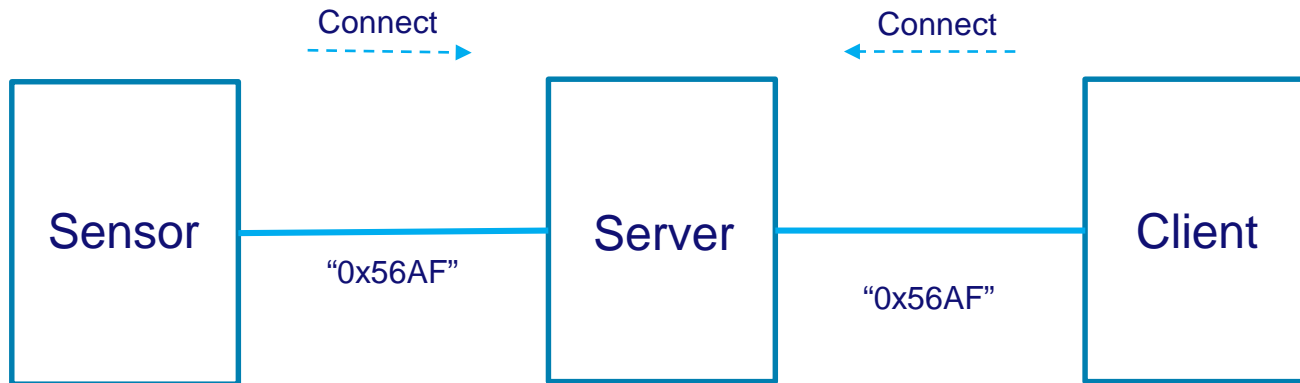
- **IoT**
 - **Sensors**
 - **Clients**

- **Connected how?**

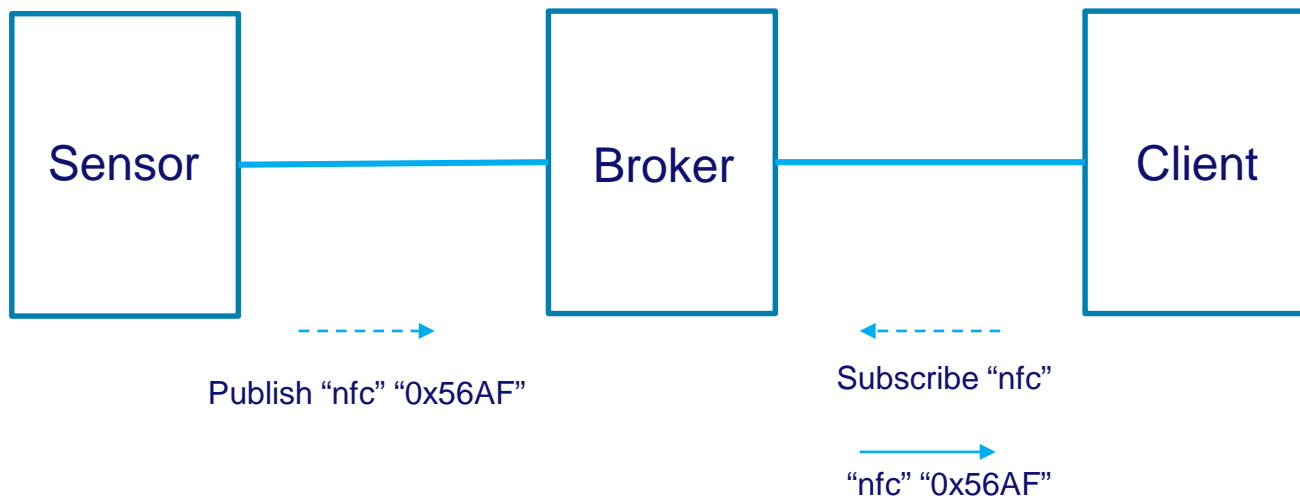
- **Continuous connection**
 - **Direct connection (Client/Server)**
 - **Low level (TCP / UDP)**

- **Non continuous connection**
 - **HTTP / MQTT /**

- **Client (generating)**
- **Server/Broker**
- **Client (consuming)**



- **Client (generating)**
- **Server/Broker**
- **Client (consuming)**



IoT

- <https://docs.shiftr.io/>
- <https://shiftr.io/try>

Examples

- **OOCSI**
 - Install oocsi library
 - See oocsi examples
- **MQTT**
 - [PublishSubscribe_android](#)
 - [PublishSubscribe_java](#)
- **Demo Neopixels**

Miscellaneous

- <https://thingspeak.com/>
 - https://thingspeak.com/channels/199044/import_export
- <https://www.xively.com/>
- **Tools**
 - <https://www.getpostman.com/>

Deliverables

- **Create an interactive app using internet.**
 - **Either API, Client/Server, IoT, OOCSI...**
- **Upload in one single ZIP file**
 - **source code**
 - **Link to screen cast of output (Youtube, Vimeo, ...)**

