# Server (C++)

## On boot

Start server 🡪 start hotspot/ssh 🡪 Sound Check 🡪 Ethernet Check 🡪 Microcontroller check

## Loop

UDP datareading between server and client 🡪 Music update

## Call functions

TubeID management

# Client

## On boot

Check sensors 🡪 Check DMX 🡪 Check server connection 🡪 Request TubeID

## Loop

Check sensors status 🡪 Update light 🡪 Send sensor status to server

## Callfunctions

Microcontroller check