Homedork’s Local hub and Server communication protocol document

Abbreviations

1. Local Hub – **LB**
2. Database Server – **DBS**

*Communication method*

TCP socket connection

*Communication format*

OBJECT:OBJECT\_ID:ACTION\_VALUE

ACTION\_VALUE 🡪 **ON** or **OFF** in terms of **STATE**. Double value range(101) for **LEVEL**.

OBJECT -> LAMP, FAN, CURTAIN, THERMOMETER,...

Action: Client 🡪 Web or mobile app

* User turn’s **device** on:
  + - Server writes : **D:deviceId:ON**
* User turn’s **device** off:
  + - Server writes : **D:deviceId:OFF**
* User changes **device** level :
  + - Server writes : **D:deviceId:44**

Action: User 🡪 on physical LB

* Turn device on:
  + - LB writes : **D:deviceId:ON**
* Turn device off:
  + - LB writes : **D:deviceId:OFF**
* Changes device level with physical nob :
  + - LB writes : **D:deviceId:44**