Raspberrypi Glediator Setup

Install Hotspot: <https://howtoraspberrypi.com/create-a-wi-fi-hotspot-in-less-than-10-minutes-with-pi-raspberry/>

Remove realvnc:

<https://www.childs.be/blog/post/remove-real-vnc-from-raspberrypi-pixel-and-install-tightvnc>

Autostart via systemd:

sudo nano /etc/systemd/system/vncserver@.service

[Unit]

Description=VNC mit TightVNCServer

After=syslog.target network.target

[Service]

Type=forking

User=pi

PAMName=login

PIDFile=/home/pi/.vnc/%H:%i.pid

ExecStartPre=-/usr/bin/vncserver -kill :%i > /dev/null 2>&1

ExecStart=/usr/bin/vncserver -depth 24 -geometry 1920x1024 :%i

ExecStop=/usr/bin/vncserver -kill :%i

[Install]

WantedBy=multi-user.target

sudo systemctl daemon-reload

VNC-Dienst starten:

sudo systemctl start vncserver@1.service

Laufenden VNC-Dienst stoppen:

sudo systemctl stop vncserver@1.service

Status des VNC-Dienstes anzeigen:

sudo systemctl status vncserver@1.service

Automatisches Starten beim Booten einschalten:

sudo systemctl enable vncserver@1.service

Automatisches Starten beim Booten ausschalten:

sudo systemctl disable vncserver@1.service

vncViewer address: 10.3.141.1::5901

Connect to wifi

connect via vncviewer / any vnc client app

Download Glediator

Install openjdk: sudo apt install -y galternatives openjdk-8-jdk

Install librxtx : sudo apt install librxtx-java

Set Path variables: sudo nano ~/.bashrc

export LD\_LIBRARY\_PATH=/usr/bin/jni

export CLASSPATH=/usr/share/java/RTXcomm.jar

go to glediator folder: start glediaor : cd dist && java -jar Glediator\_V2.jar

set protocol to GLEDIATOR

baudrate to 1000000

color order: GRB

try: HS\_BL

open connection