

Telematic IT

ITZ-Support: 2x Switch Konfiguration für das folgende Telematik-Setting:

Bandbreite: 1GB/s upload & download !!
UDP-Ports: 3000 - 8000
TCP: Google-Chat / Skype

Jacktrip Audio-setup:

1. open JackPilot.app
2. —> „Preferences“ set your Buffer: 128 & samplerate 44'100kHz
3. choose your „Audiointerface“ (RME / Motu etc.)
4. open „QjackCtl.app“ —> be sure that you have the same „Configuration“ as in „JackPilot“!
5. Important ! check Jack.apps are running !!!
6. open „TwistedWave, Cubase ore else ...“
7. Install Jacktrip:
8. `cd ~/Desktop/jacktrip-1.0.5/bin/`

```
sudo cp jacktrip /usr/bin/
```

```
sudo chmod 755 /usr/bin/jacktrip
```

Start Jacktrip:

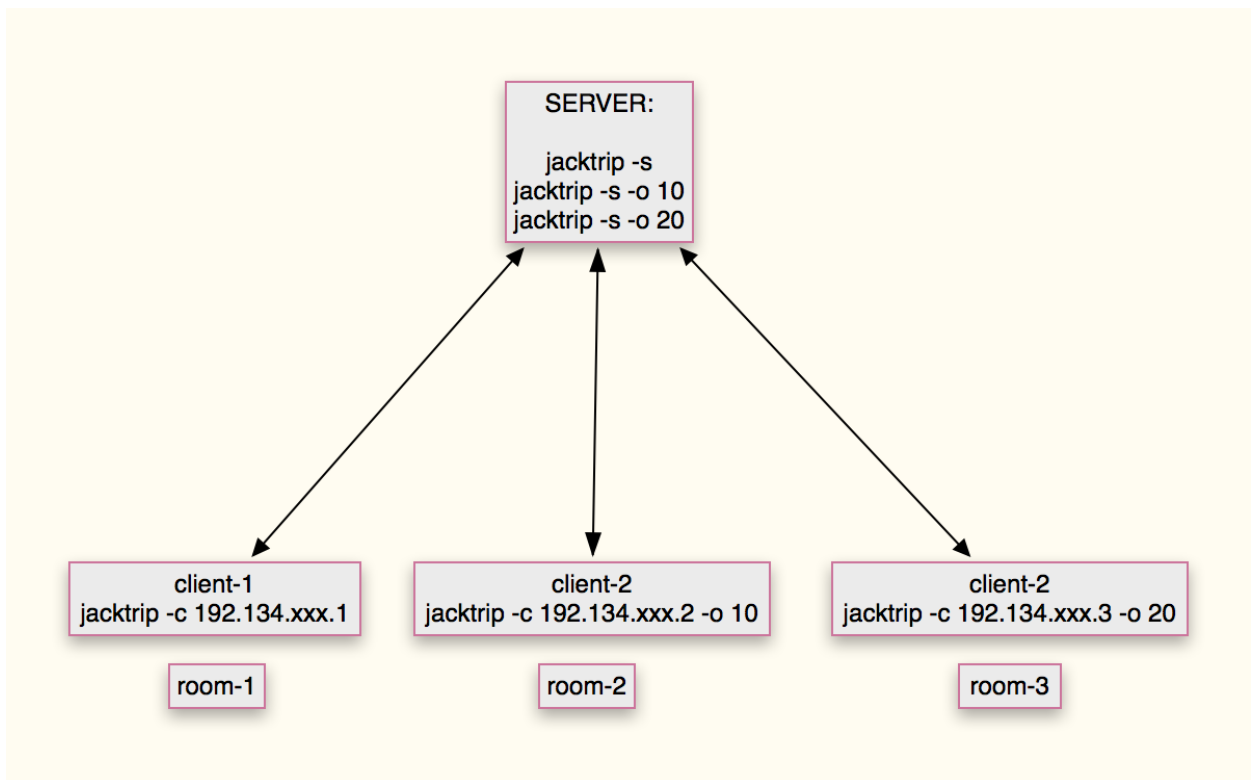
open Terminal ----> als Server

OSX: `jacktrip -s`

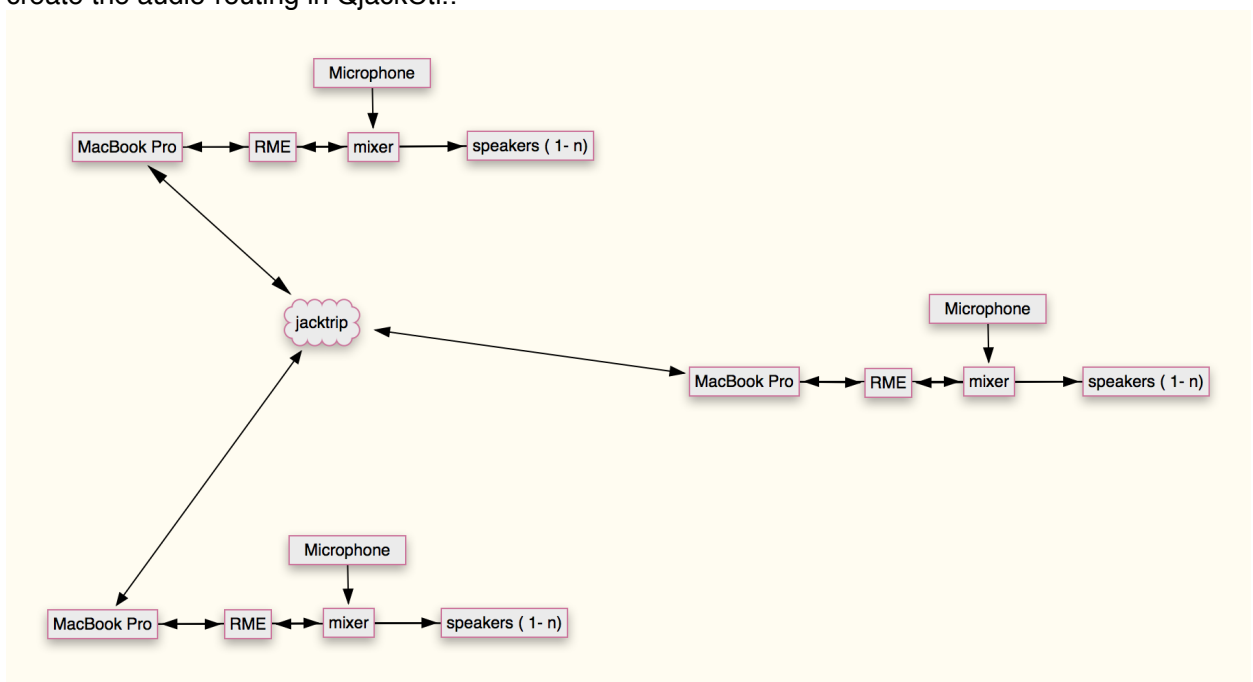
Client-1: `jacktrip -c 192. 168. 1. 37`

Client-2: `jacktrip -c 192. 168. 1. 38 -o 10`

Client-3: `jacktrip -c 192. 168. 1. 39 -o 20`



9. create the audio-routing in QjackCtl.:



10. Beschreibung: Jack verwaltet die Ein- und Ausgänge von Audioprogrammen und routet die Audiosignale zwischen ihnen. Low latency audio server Daemon

Audio on Internet2:

Uncompressed audio in **44.1k 24-bit:~10Mbps per stream**

11. Video:

HD on Internet2!

1080i @ 30fps, 24-bit color

H.264/moderate quality ~25MB/s

Uncompressed:~**1.5Gbps per stream**

Software encoder/decoder takes more time

Full HD - Beamer min 4000 ansi lumen

HD- Kamaras „SDI Cameras AVCHD-Kamera Panasonic AG-HPX171E“

Matrox video capture box http://www.matrox.com/video/en/products/monarch_hd/

BlackMagic video capture box <https://www.blackmagicdesign.com/uk/products>

Theaterlicht: Für eine optimale Ausleuchtung.

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