

Projects

Categories

- Games
- Network Analysis
- Sensor Visualization
- Backend Software/Drivers

Games

- Touch tetris
 - Multiplayer Pong
 - Whistle Star (Match random Frequencies)
 - Any other touch controlled game
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- Any of the above with network Multiplayer

Network Analysis

- Display Graphs of Network packages over time
- Scan local network and display devices
- Portscan local network and display open ports
- ...

Sensor Visualization

- Render bezier curves and similar depending on input from
 - Audio
 - Touch
 - Network
 - Accelerometer (need to implement driver first!)
- Use stereo microphones for localization by using the time difference or volume difference between audio events
 - Display location guesses

Backend Software

- Write new drivers for hardware components
 - Accelerometer
 - Sd-Card
 - Audio output
 - Audio input through audio jack
 - Usb host
- Write rustic toolkit for rendering clickable buttons, checkboxes, ...