

Car Audio System Emulator

Work in Progress:

- [AMM Oct 2021 demo content](#) (draft)
- Audio HAL
- AudioEffect HAL
- AudioControl HAL
- playground - android host communication
- python audio processing playground

Discussion around exporting audio from Android, and define/develop a development environment for tuning, development of audio-effects, etc.

- Using WebRTC as transport enables a web-browser based UI and working remotely from the Android system.
- Android system could be Hardware-in-the-loop, or running on simulator on developer workstation
- AudioWeaver is a popular development environment and framework for building systems out of connected audio-processing blocks. Potential use in this architecture, as an effects emulation platform.
- Other alternatives may include Python audio effects processing libraries.

