

AVTrack360

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short overview & demo

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Concept AVTrack360

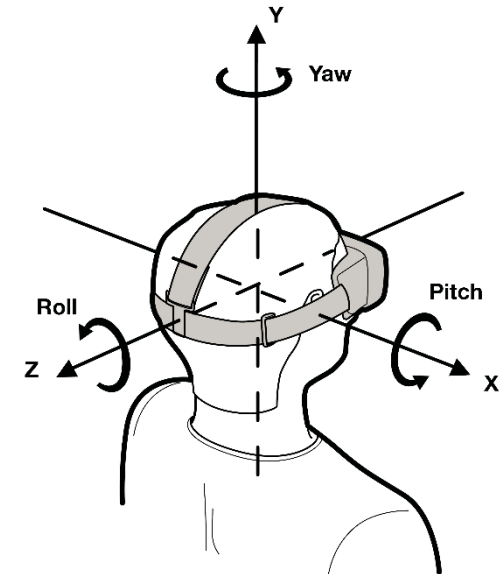
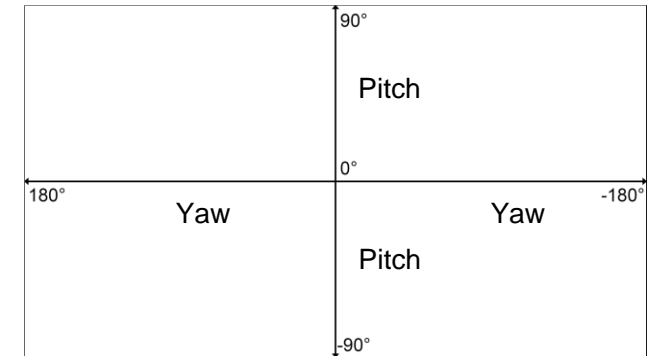
- AVTrack360 = tool for recording & evaluating head rotation data
- Software + dataset publicly available
(*cf. Fremerey et al., MMSys 2018*)
- Python based, working for Windows 7+
- HTC Vive (SteamVR) + Oculus Rift support
- 360° player included (Whirligig)



<https://github.com/Telecommunication-Telemedia-Assessment/AVTrack360/>

Features AVTrack360

- Playback 360° videos + record head rotation data
 - Data saved in JSON file
 - Recording frequency 200 Hz, adjustable
- ACR input via CMD
- Modifications + extensions possible → e.g. Player, rating method etc.
- Random playlist generator



<https://developer.oculus.com/documentation/pcsdk/latest/concepts/dg-sensor/>

