

Who Am I?

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Maintainer of Avahi, PulseAudio and a few other projects



PulseAudio: Activity

- Project aim:
 - Fixing the Linux audio mess once and for all
 - Application server for sound
 - “Compiz for Sound”, á la Windows Vista
 - Unifying all competing & conflicting audio systems
- Features:
 - Compatibility with ESD, OSS, ALSA, GST, ...
 - Cross-platform & extensible architecture



PulseAudio: Challenges

- Compatibility with all current Linux sound systems, especially OSS. What about aRts?
- Getting out of the way of the user, i.e. getting to the point where it *just works*!
- Educating people about sound servers: pros & cons
- Integration with JACK
- Lock-free algorithms



PulseAudio: Dependencies

- Libraries in use:
 - libsndfile, libsamplerate
 - ALSA
 - liboil
- Projects dependent upon:
 - JACK (in a way)
 - GNOME, ...



PulseAudio: Next Steps

- Move slowly to a more threaded/lock-free core
- JACK integration
- “Perfect” OSS compatibility
- Compiz-style tool for audio
- Support CODECs
- <http://pulseaudio.org/browser/trunk/todo>

