FreeBSD Audio
Amateur and Professional Setups

Goran Mekić

EuroBSD, 18 Sep 2022
Agenda

- Virtual OSS
- JACK 2
- Audio Servers
- Real Time
- FreeBSD tuning
- Future
Virtual OSS

- Hans Peter Selasky
- Big number of channels
- Combining/Splitting
- Routing and utilities
- Easier audio development
JACK 2

- Florian Walpen
- Real Time aware
- Studio grade implementation
Audio Servers

- PulseAudio
- SNDIO
- ALSA
- Portable audio development
Real Time

- Hans/Florian
- Why is it important?
- Apps without RT support
pw group mod realtime -m user rtprio 20 audacious &
poudriere testport ...
FreeBSD Tuning

- kern.timecounter.alloweddeviation=0
- hw.usb.uaudio.buffer.ms=2
- hw.snd.latency=0
Future

- More docs/examples
- More ports (yuri@)
- Optimization
- Network mixers
Thank you!

- Hans Peter Selasky
- Florian Walpen
- yuri@
- LV2 developers
Special Reviewer
Questions?

▶ site: meka.rs
▶ mail/XMPP: meka@tilda.center
▶ mastodon: @meka@bsd.network
▶ slides: github/mekanix/presentations