ALSA

- James Courtier-Dutton:
  - Linux Multimedia (Videos, Music, VoIP, Multicast etc.)
  - Linux Kernel (ALSA)
  - Linux Software Defined Radio (SDR)
  - Reverse Engineering.
ALSA: Activity

• Project aim:
  – Creating drivers
  – driver maintenance
  – HAL library (alsa-lib)
  – Collecting "lowlevel" tools (alsa-tools package)
  – Responding to user needs
ALSA : Challenges

- we need more developers!!!
- The size of the problem.
- Documentation
- Mixer abstraction
- Hardware abstraction layer
ALSA : Dependencies

• Libraries in use:
  – libasound
  – Libm, Libpthread, Libdl, libc
  –

• Projects that dependent on us:
  – Any multimedia application
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ALSA : Next Steps

- Meet all the Challenges from slide 2!!!
- Get more developers.