PulseAudio In The Embedded World

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PulseAudio – what and why?
ALSA is a low-level API
Need something more app-friendly
More features
… PulseAudio
Sound server
Simple API
Async API
Per-app volumes

Flat volumes
Move streams while playing

Metadata-based “intelligence”
Broad overview ...
So who's using it?
Nokia (N900)
Palm (Pre)
Intel (MeeGo)
Why are they using it?
Timer-based scheduling
Latency control
Dynamic routing
Modular == extensible
Active upstream
Where next?
Policy/use-case management
Filters
Compressed formats
CPU and power optimisation
Profit!
Thank you for coming!