

# maemo.org: Activity

- Project aim:
  - Provide multimedia SW for Nokia Internet Tablets such as Nokia N810.
- Features:
  - Streaming and local audio and video playback
  - Voice and video call over IP
  - Wide multimedia format support
  - Bluetooth headset profile support



# maemo.org: Challenges

- Lack of desktop sound event API
- ALSA plug-in development for “SW sound cards”. E.g. Bluez, PulseAudio.
- ESD legacy
- Performance
- Proprietary codecs



# maemo.org: Dependencies

- Libraries in use:
  - Gstreamer
  - Helix, ALSA
  - libid3, liboil, ESD, Bluez
  - Possibly: Speex, PulseAudio, GstOpenMAX
- Projects that depend on us:
  - maemo.org



# maemo.org: Next Steps

- Things we are looking into:
- Further Bluetooth audio support
- OpenMAX IL elements in GStreamer
- PulseAudio
- Speex
- On-demand codec download
- Playbin2

