RadioMate
Radio Automation Made Easy

freifunk.net

A Freifunk GsoC project
Wireless Community Weekend 2010
Claudio Pisa - clauz@ninux.org
Community Webradios

- Fusoradio (Rome)
- Radio Blau (Leipzig)
- … ← TBD: involve other webradios
Fusoradio

- Webradio in Rome
  - Ninux HQ: Fusolab

- Distributed Wjs
  - Stream from home

- But:
  - Server-side close-source software
• Audio Stream Generator
• Mix into one stream different sources:
  – Playlists
  – Uploaded files
  – Live streams
• Many other features...
- static or dynamic playlists
- time-based selection of the audio source
- quota- or time-based insertions or mixes of jingles
- live DJ interventions
- interactive user requests
- fully-customizable transitions, e.g. crossfading
- speech-synthesis of track metadata
- simple access to remote files
- and much more!
RadioMate

API

database

[Diagram of radio components and database connections]
TODO

- Define an API
- Define a schema
- Handling of users and roles
- Handling of playlists
- Handling of the archive(s)
- Takeover of the scheduling
- ...

Thank you

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