RadioMate

Radio Automation Made Easy

A Freifunk+Ninux GSoC project
Wireless Battlemesh v4
Claudio Pisa - clauz@ninux.org

Community Webradios

- Fusoradio (Rome)

- Radio Blau (Leipzig)

- radioCona (Ljubljana)
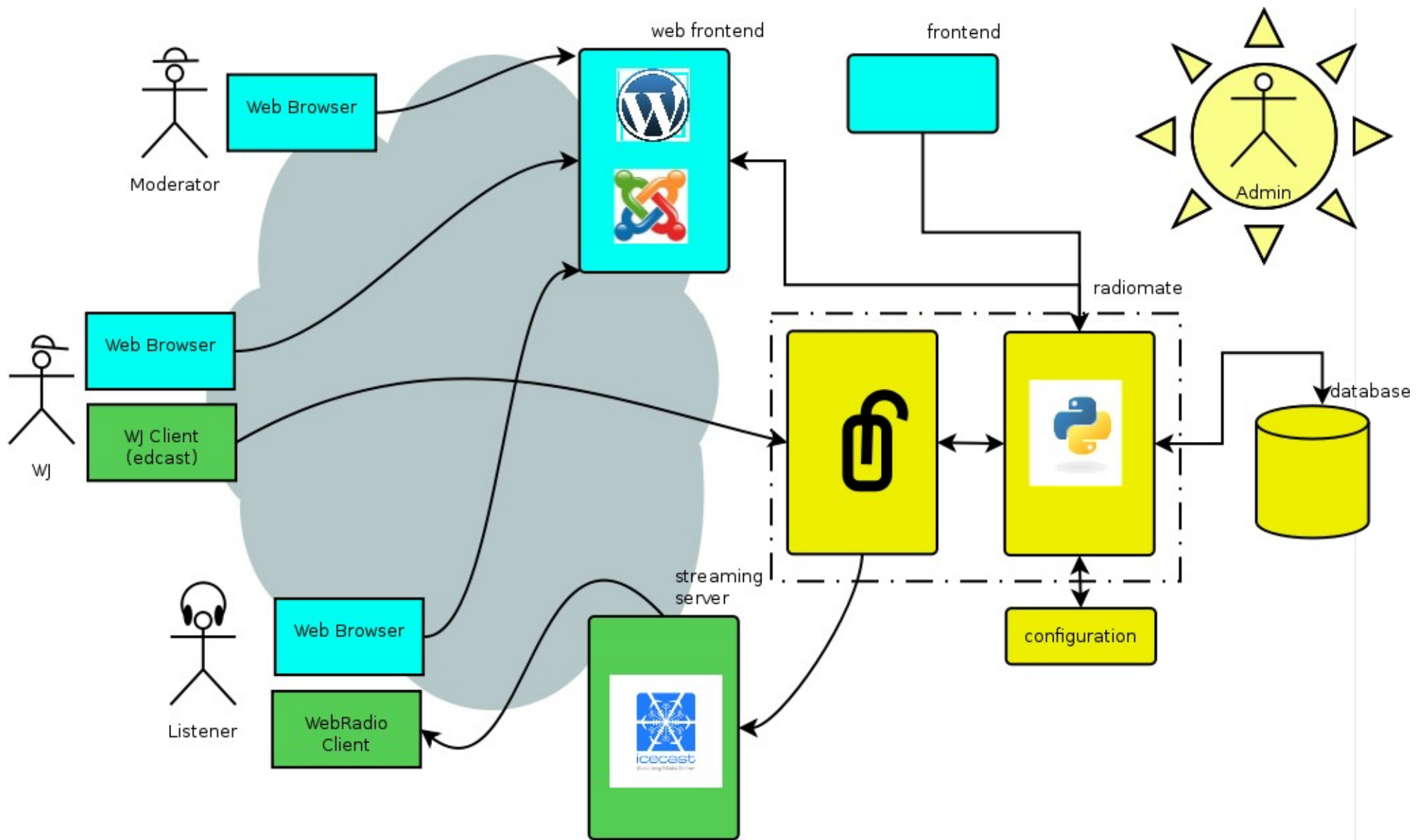
- … ← TBD: involve other webradios

Fusoradio

- ## Webradio in Rome

  - Ninux HQ: Fusolab

- ## Distributed Wjs

  - Stream from home

- ## But:

  - Server-side uses close-source software

liquidsoap audio stream generation

- Audio Stream Generator

- Can mix into one stream different sources:

    - Playlists

    - Audio files

    - Live streams

- But is missing:

    - Timetable handling

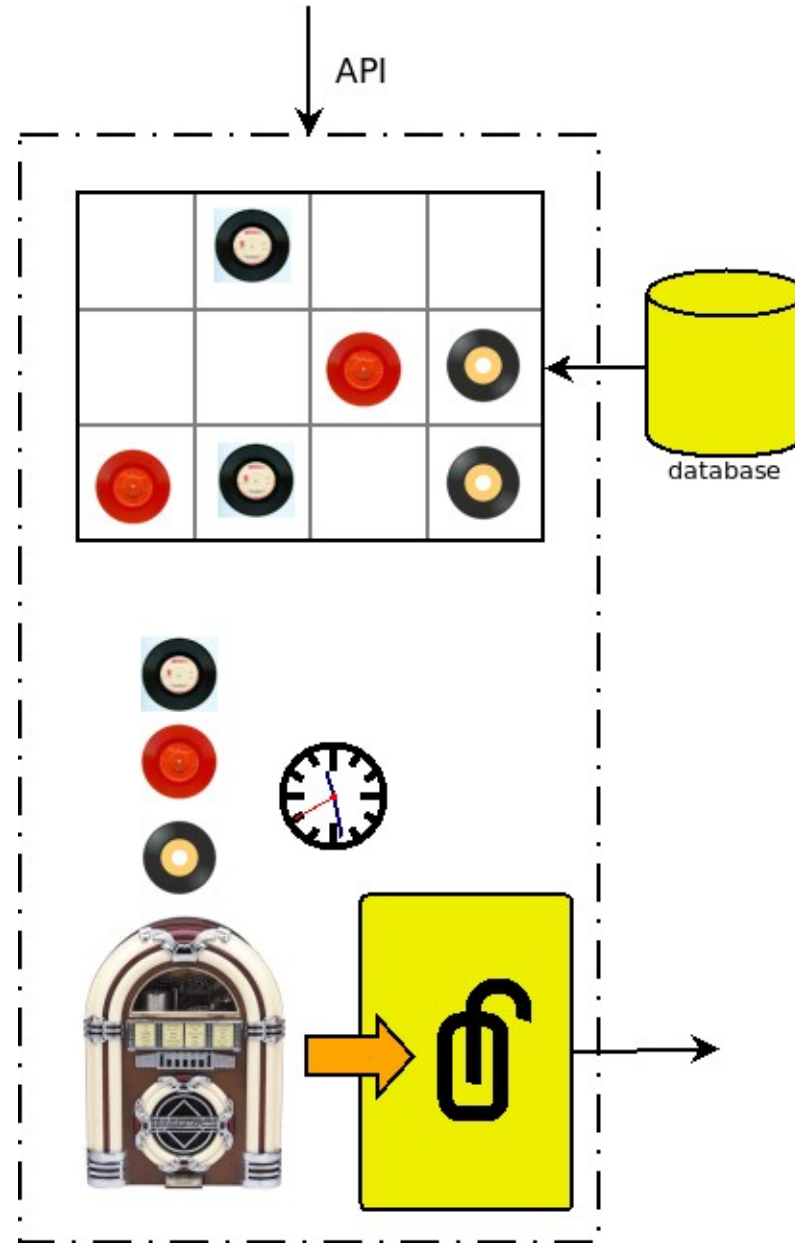   - Users, audio files, playlists management
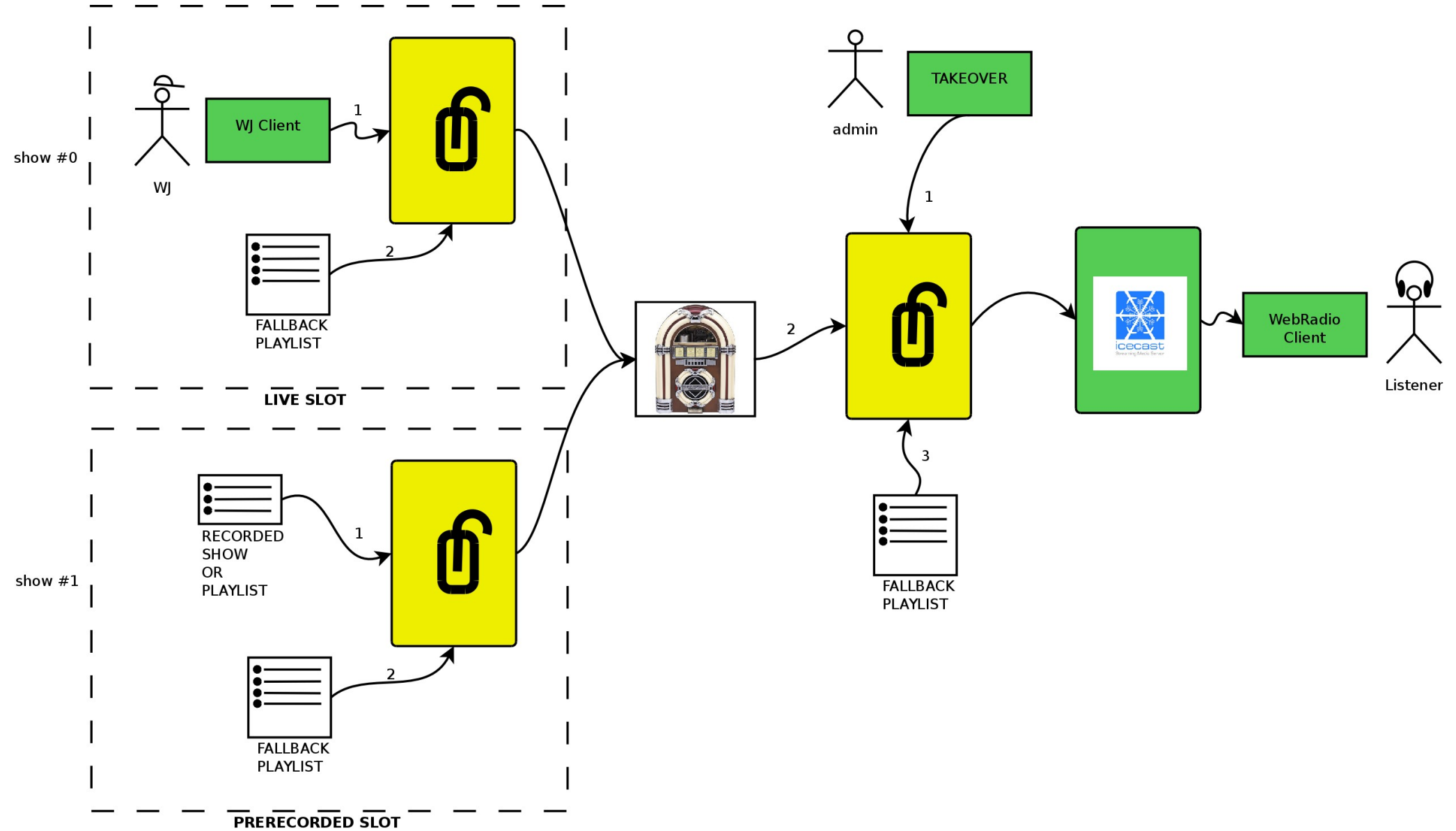
    - A JSON API

the big picture

Moderator → Web Browser

WJ → Web Browser / WJ Client (edcast)

Listener → Web Browser / WebRadio Client

web frontend

frontend

radiomate

database

streaming server

configuration

Admin

Radiomate

- Source code (Python + liquidsoap) available at

  - http://radiomate.org

- Developed for the Google Summer of Code 2010

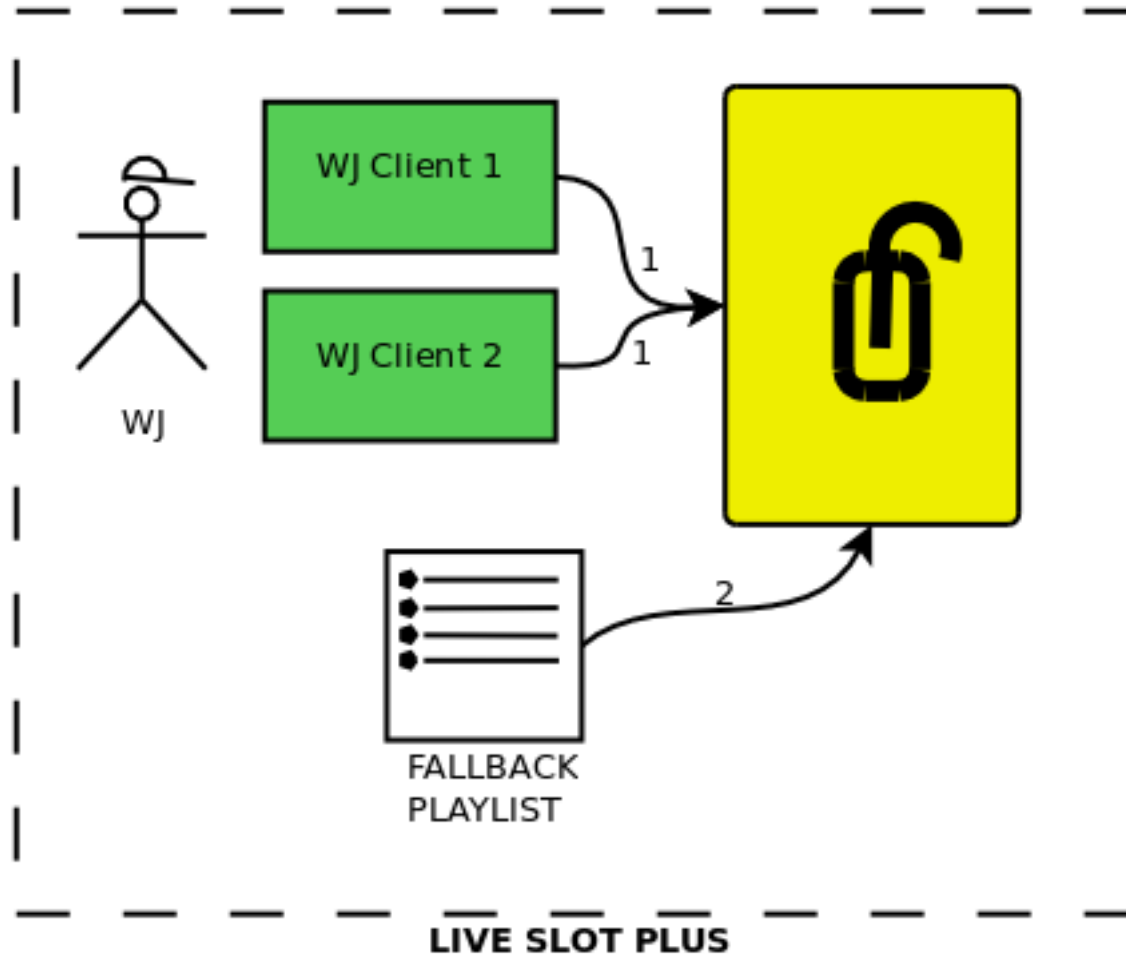# Radiomate - scheduling

API

database

Radiomate - timeslots
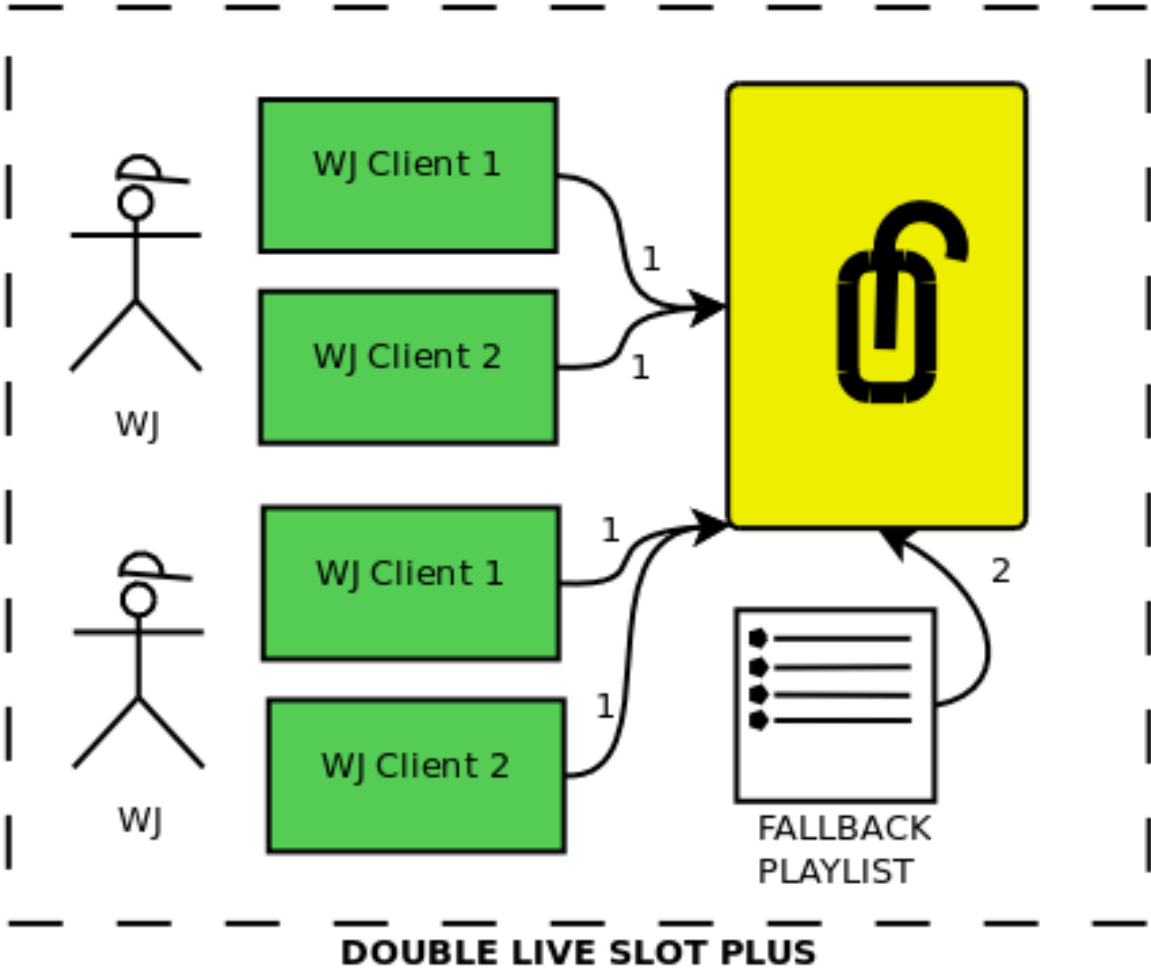
Radiomate – slot types
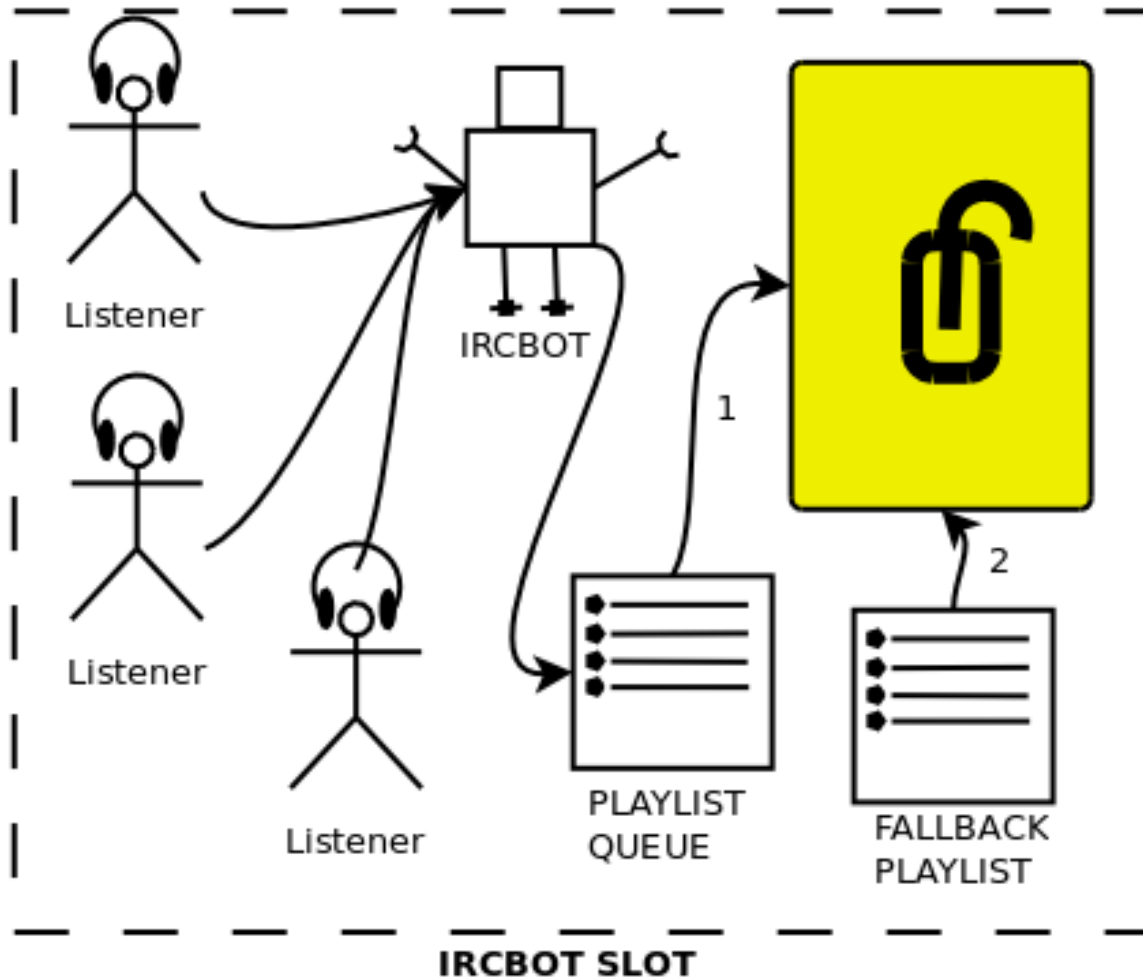
Radiomate – slot types

Radiomate – slot types

DOUBLE LIVE SLOT PLUS

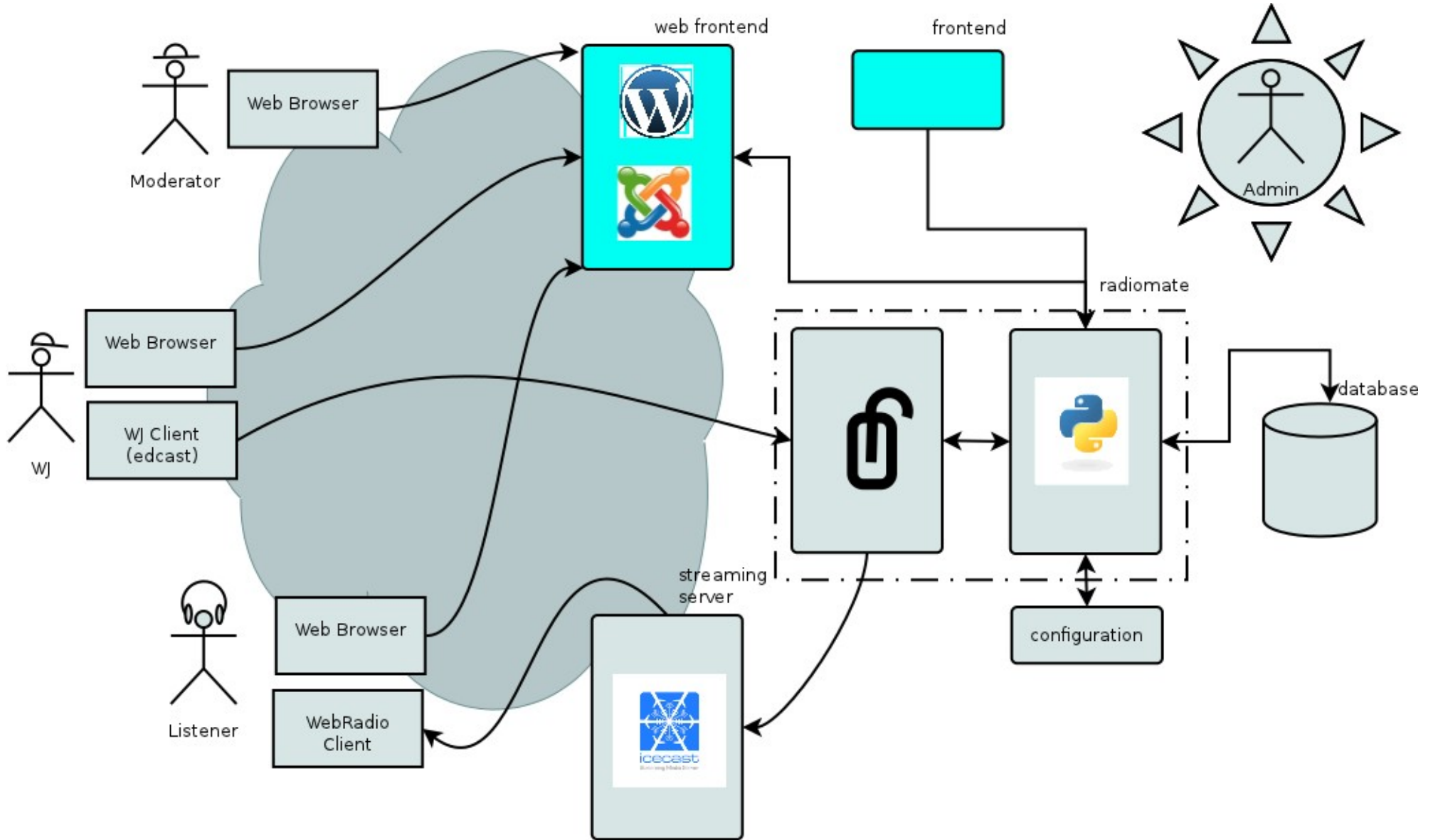# Radiomate – slot types

frontend(s) missing

Thank you

Wireless Battlemesh v4
March 2011
Sant Bartomeu del Grau
Claudio Pisa - clauz@ninux.org