

Thounds

<http://thounds.com>



astrails

Boris Nasion

astrails.com

idea

it's all about **music** and
inspiration



LONDON UK





DAKAR
SENEGAL



- Andy
- Thomas
- Leugo
- Justin
- Christian**
- Al
- Sabrina
- Giovanna
- Janet
- Monica

SEARCH







NEW YORK USA





VENICE
ITALY





record audio sample

add your contribution to an
existing one

look for new friends

share your tracks

stay in touch with
iPhone app /
Facebook / ...

run in a web browser

technology challenge #1

record a live audio from a
browser

technology challenge #2

sync tracks

proof of concept

working prototype

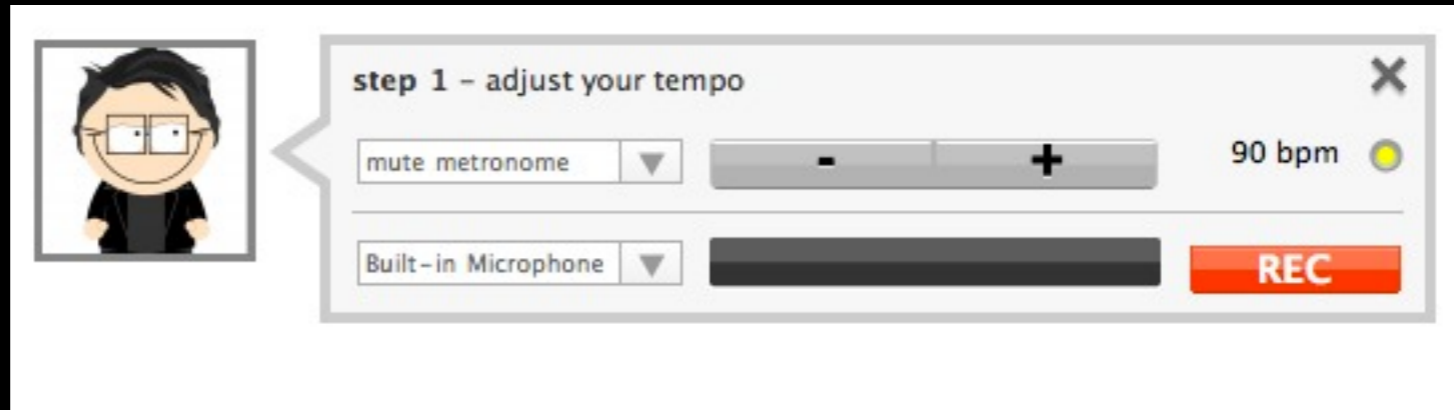
client

- grab the audio stream from a web cam
- record a stream to a media server
- play/mix other streams while recording
- mute/solo other tracks

server

- accept connections from clients
- record audio streams
- handle authentication
- transcode to mp3

Red5 for server
Adobe Flash for client

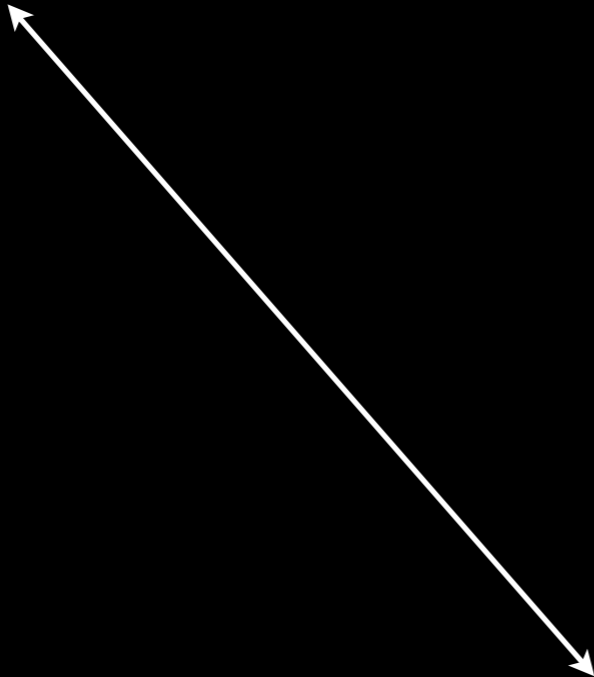


ui - html/css/js
javascript talking with flash component

Red5 Flash Media Server

mp3 files store

HTML/CSS/JS
Flash client



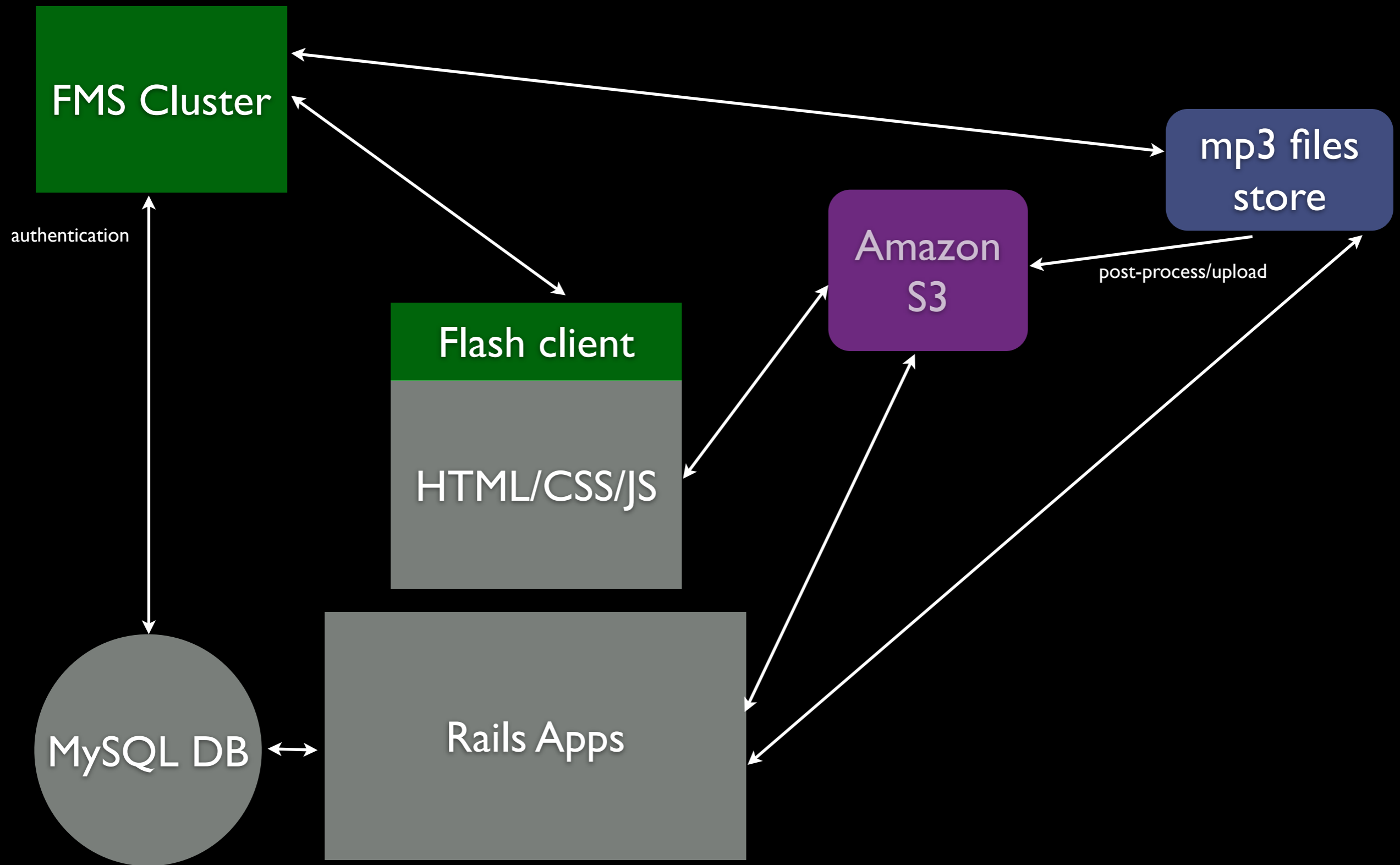
end of prototype

beta version

recorder

player

everything else



everything else

completely handled by Rails application

multi-language support

friends

follow/unfollow

track updates

search with geolocation

inspirations/ranking

notifications

best FMS to connect to

and many other cool stuff ;-)

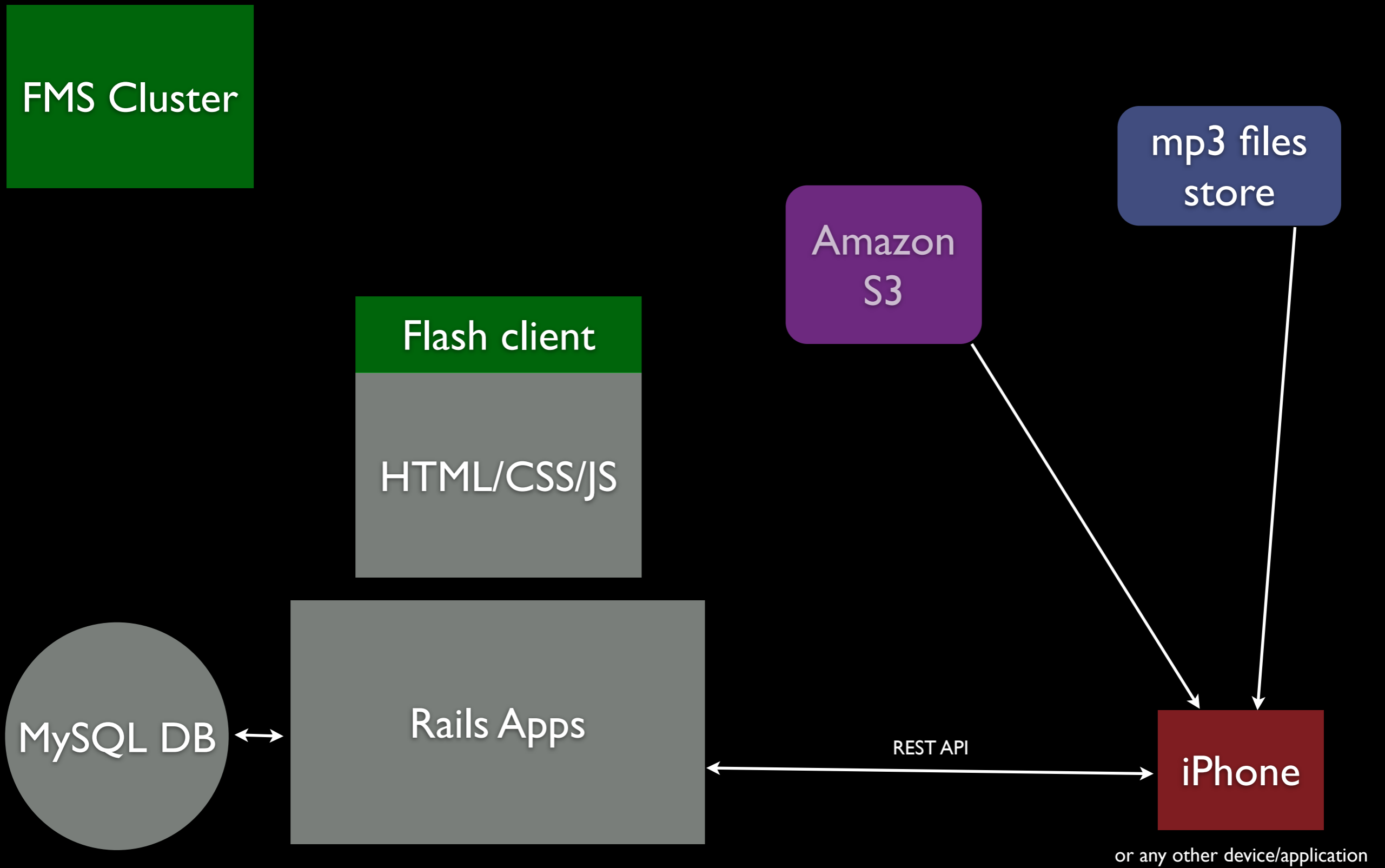
release

get feedbacks, fix bugs

pass to in-house
development

next iteration

REST API



or any other device/application

Search for inspiration...

Type anything (title, genre, instrument, country)



Everyone

latest update ▼

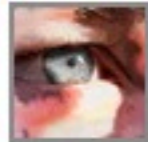
Contacts

latest update ▼

Mine

latest update ▼

musiqueiro



blanco albino

updated about 4 hours ago



public



plays (3)



comments (0)



share



Like

Mike



sunshine

updated about 14 hours ago

3

mute

solo

Mike

recorded 1 day ago

mute

solo

Mike

recorded 1 day ago

mute

solo

musiqueiro

recorded about 14 hours ago

Put your headphones on. Press record button.

record



public



plays (33)



comments (0)



share



Like

1

models

- user
- thound, belongs to user, has many tracks
- track, belongs to user, belongs to thound
- friendship, belongs to user, belongs to friend
(class User)
- another 9 models for other cool stuff ;-)

some gems

- haml
- authlogic
- geokit
- gettext
- right_aws
- resource_controller

some plugins

- acts-as-taggable-on
- delayed_job
- paperclip
- factory_girl
- global_preferences
- newrelic_rpm

infrastructure

Amazon EC2 for everything

approach

- technology research
- proof of concept
- development push with shadow developer
- release
- in-house development
- adding features based on feedbacks

quick start

high quality maintainable
code

<http://thounds.com>