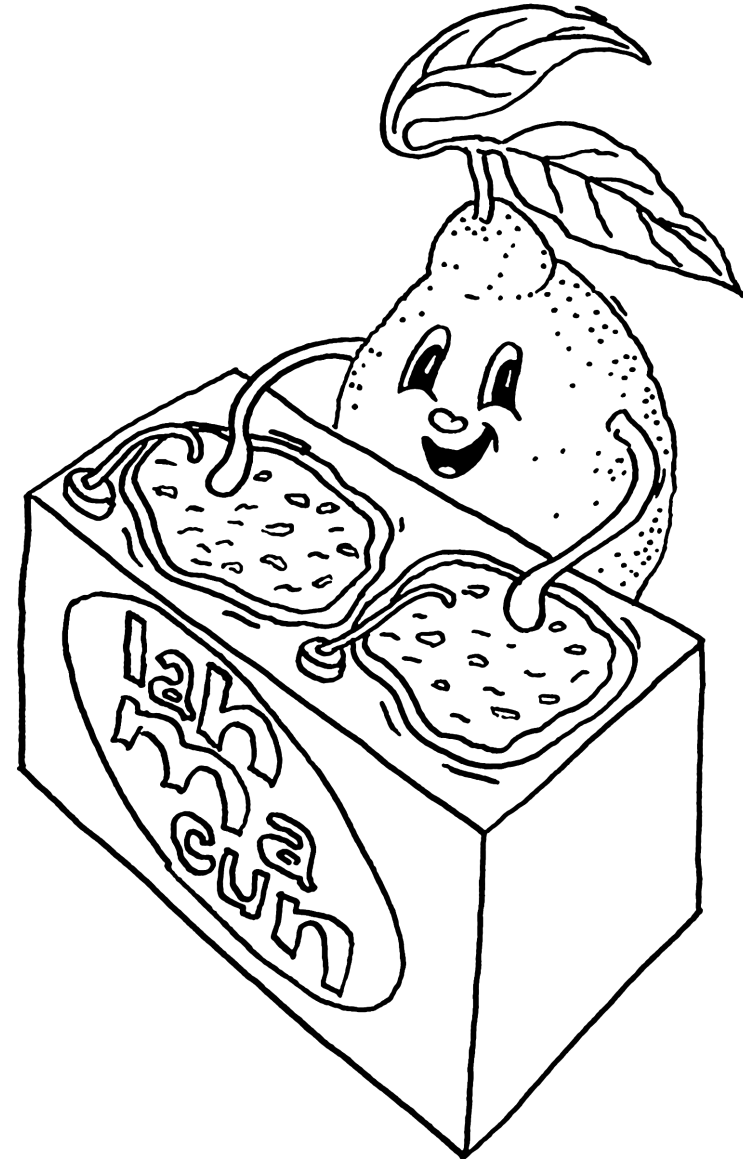# Lahmacun x Liquidsoap

How Lahmacun community radio uses Liquidsoap
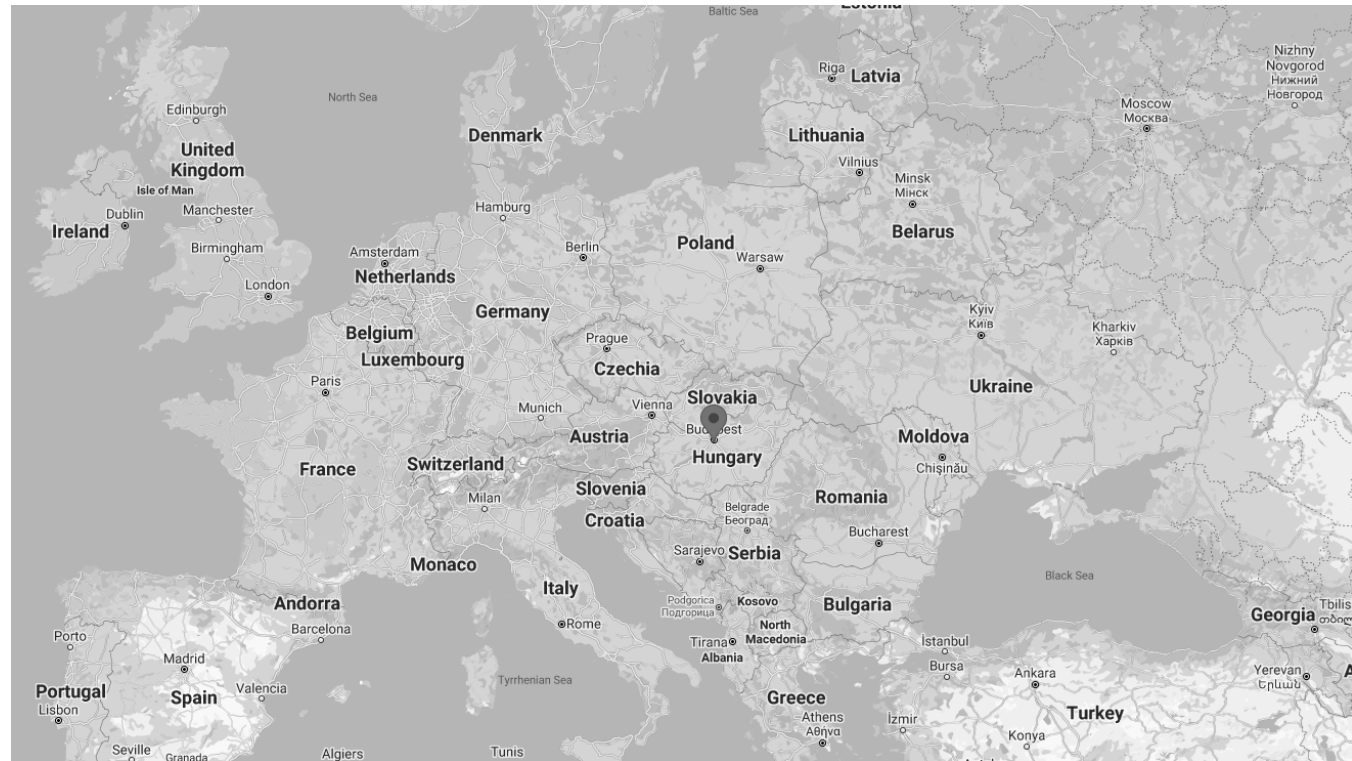
https://lahmacun.hu

2022, January 23rd

Lahmacun community radio

- Founded in 2018 in Budapest, Hungary
- Named after Turkish pizza ☺
- 50+ international shows
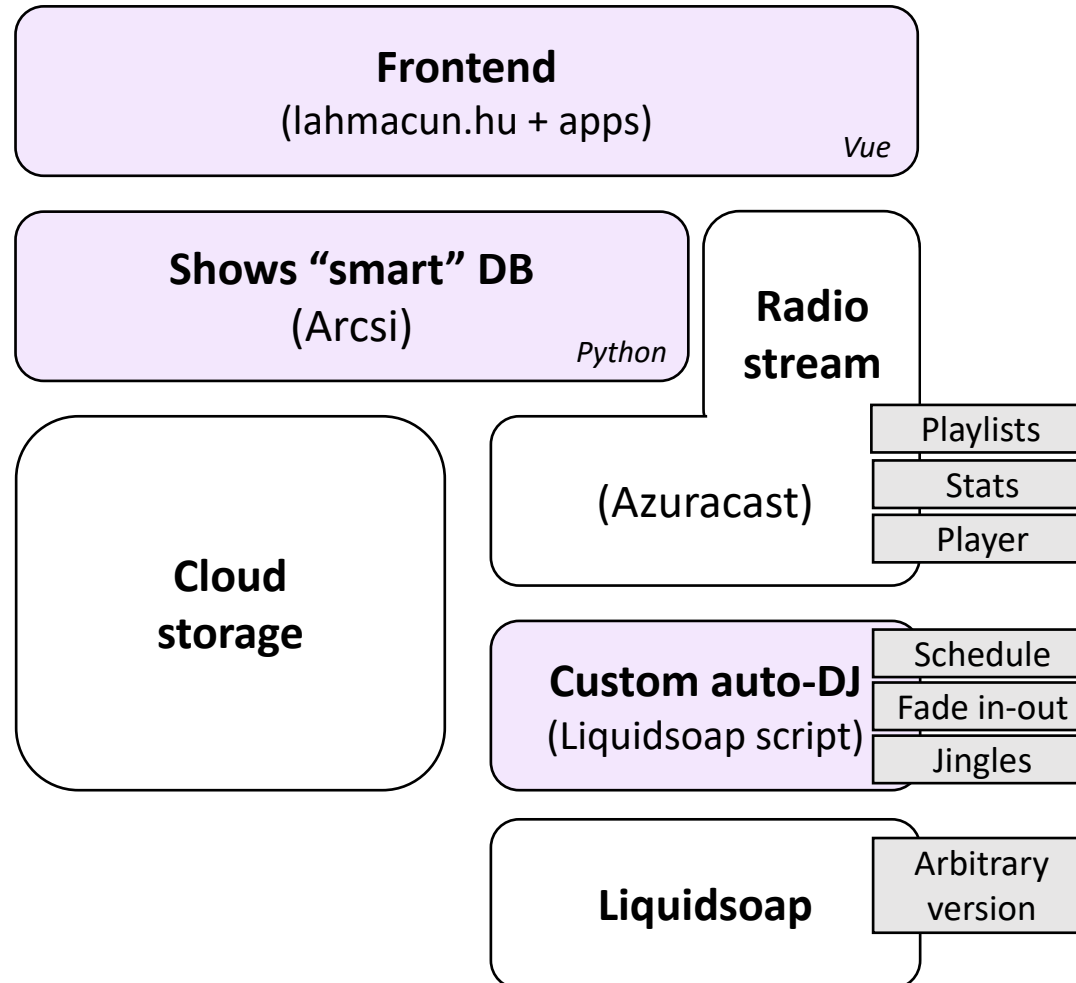- Main genre: music & more
- *IT team: 5+ volunteers*

https://lahmacun.hu
http://ananasz.lahmacun.hu/community/

The Lahmacun stack
https://github.com/mmmnmnm/

Frontend
(lahmacun.hu + apps)
Vue

Shows "smart" DB
(Arcsi)
Python

Radio stream

(Azuracast)

| Playlists |
| Stats |
| Player |

Cloud storage

Custom auto-DJ
(Liquidsoap script)

| Schedule |
| Fade in-out |
| Jingles |

Liquidsoap

| Arbitrary version |

LEGEND

Our development

Out of the box

Our Liquidsoap script

https://github.com/mmmnmnm/lahmacun/blob/master/azuracast/liquidsoap_custom.liq

```
399         transition_into_show(playlist_jingle_station_id),
400         transition_into_off(playlist_jingle_station_id), #ambient: ^^^ Sunday ^^^
401         transition_into_off(playlist_jingle_station_id) ],
402         transition_length=60., #max duration of jingle (60s)
403         [
404         ({!live_enabled}, live),      #Live DJ
405         ({1w and 10h11m-11h9m}, once(playlist_transverszia)),              # Monday (orig requested time 11:11 am 12:12 pm)
406         ({1w and 12h-12h58m}, once(playlist_a_who_say)),
407         ({1w and 15h-15h58m}, once(playlist_szmuti_csorba)),
408         ({1w and 16h-16h58m}, once(playlist_paikka)),
409         ({1w and 17h-17h58m}, once(playlist_udcsi)),
410         ({1w and 18h-18h28m}, once(playlist_weirdest_hits)),
411         ({1w and 18h30m-18h58m}, once(playlist_soundscape_diaries_emcsivel)),
412         ({1w and 19h-20h58m}, once(playlist_erdenklang)),
413         ({1w and 21h-22h58m}, once(playlist_infinite_scroll)),
414         ({1w and 15h30m-21h30m}, off_air_ambient_mix),                    #ambient: Szmuti - Infinite
415         ({2w and 2h04m-4h30m}, once(playlist_gyorsnaszad_hidja)),         #Tuesday
416         ({2w and 11h-12h58m}, once(playlist_lahmaloudclouds)),
417         ({2w and 15h-15h58m}, once(playlist_melyvagas)),
418         ({2w and 16h-16h58m}, once(playlist_healing)),
419         ({2w and 17h-17h58m}, once(playlist_mmn_radio)),
420         ({2w and 18h-18h58m}, once(playlist_mosolyszunet)),
421         ({2w and 19h-19h58m}, once(playlist_havizaj)),
422         ({2w and 20h-20h58m}, once(playlist_turmeric_acid)),
423         ({2w and 21h-21h58m}, once(playlist_exit)),
424         ({2w and 15h-21h30m}, off_air_ambient_mix),                       #ambient: Mill - Mosoly
425         ({3w and 11h-12h58m}, once(playlist_lahmacun_presents)),          #Wednesday
426         ({3w and 13h30m-13h58m}, once(playlist_tudtad)),
427         ({3w and 14h-14h58m}, once(playlist_erto_hallgatas)),
428         ({3w and 17h-17h58m}, once(playlist_svadhyaya)),
429         ({3w and 18h-18h58m}, once(playlist_rambo)),
430         ({3w and 19h-19h58m}, once(playlist_boombap)),
```

SNIPPET

Liquidsoap 1.4 to 2.0 – transitions


```
radio = switch(track_sensitive=false, transitions=[
    transition_into_show(playlist_jingle_station_id),
    transition_into_show(playlist_jingle_station_id),
    transition_into_show(playlist_jingle_station_id),
    transition_into_show(playlist_jingle_station_id),
    transition_into_show(playlist_jingle_station_id),
    transition_into_show(playlist_jingle_station_id),
    transition_into_show(playlist_jingle_station_id),
    transition_into_show(playlist_jingle_station_id),
    transition_into_show(playlist_jingle_station_id),
    transition_into_show(playlist_jingle_station_id),
    transition_into_off(playlist_jingle_station_id), #ambient: ^^^ Monday ^^^
    transition_into_show(playlist_jingle_station_id),
    transition_into_show(playlist_jingle_station_id),
    transition_into_show(playlist_jingle_station_id),
    transition_into_show(playlist_jingle_station_id),
    transition_into_show(playlist_jingle_station_id),
    transition_into_show(playlist_jingle_station_id),
    transition_into_show(playlist_jingle_station_id),
    transition_into_show(playlist_jingle_station_id),
    transition_into_off(playlist_jingle_station_id), #ambient: ^^^ Tuesday ^^^
    transition_into_show(playlist_jingle_station_id),
    transition_into_show(playlist_jingle_station_id),
    transition_into_show(playlist_jingle_station_id),
    transition_into_show(playlist_jingle_station_id),
    transition_into_show(playlist_jingle_station_id),
```

1.4

Address transition based on metadata

2.0

```
radio = switch(track_sensitive=false,
    [({!live_enabled}, live),
    ({1w and 12h07m-12h08m or 12h09m-12h10m}, delay(60., playlist_my_show)),
    ({true}, radio)])


def fading_transition(a,b)
    #Example: play jingle after "my show" (set playlist ID as needed)
    if a.metadata["playlist_id"] == "667" then
        sequence([fade.out(a.source),playlist_jingle_station_id, fade.in(b.source)])
    else
        sequence([fade.out(a.source),fade.in(b.source)])
    end
end


radio = cross(fading_transition, radio)
```

UNDER DEVELOPMENT

Liquidsoap 1.4 to 2.0 – delay operator

1.4

```
({!live_enabled}, live),        #Live DJ
  ({1w and 9h11m-10h11m}, once(playlist_transverszia)),      #Monday show 1
  ({1w and 11h-11h59m}, once(playlist_a_who_say)),           #Monday show 2
  ...
```

2.0

```
({!live_enabled}, live),        #Live DJ
  ({1w and 9h11m-10h11m}, delay(3600., playlist_transverszia)),      #Monday show 1
  ({1w and 11h-11h59m}, delay(3600., playlist_a_who_say)),           #Monday show 2
  ...
```

UNDER DEVELOPMENT

Delay instead of once for more control

Further outlook

Our new website is coming soon…

Thanks for listening