



RaBe
RADIO 95.6 MHz

The Broadcasters Niche

why we contribute

Radio Bern RaBe

- community radio station in Berne, Switzerland since 2009
- member of UNIKOM (our national “chapter” of AMARC), >1000 paying members, ~200 volunteers
- 10+ of them IT volunteers
- <https://github.com/radiorabe>

Lucas

- RaBe IT since 10+ years, LibreTime co-founder
- @hairmare on GitHub & Twitter





www.hifiengine.com

First a C64 and a 10 deck player took care of 24x7 broadcasting



Debian/X11 based Playout Solution on a bunch of Desktops

Fully Digital since 2019

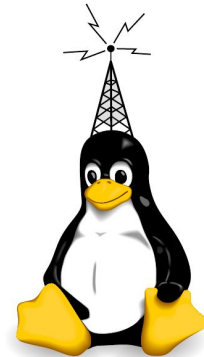


From the Studio...



... to our listeners via DAB+

OSS thanks to opendigitalradio!



Open Source Work at RaBe



LibreTime

- Fork of Airtime by Sourcefabric
- PHP based Web-UI with Python backend to run liquidsoap
- 100+ community members, used by countless radio stations both terrestrial and online only
- We use it to air pre-produced segments at RaBe



Previous: - rabeinfo_17102019.mp3, 31:41:00

Current: **Nothing Scheduled**

RaBe-Info 11:00 - 11:30

Next: Klangbecken, 06:30:00.00

To start broadcasting, click on the current show and select 'Schedule Tracks'

Upload

Dashboard

Tracks

Playlists

Smart Blocks

Webstreams

Podcasts

My Podcast

Calendar

Widgets

Settings

Analytics

Help

+ New Show



Today

Oct 14 — 20 2019

30m

Mon 10/14

Tue 10/15

Wed 10/16

Thu 10/17

Fri 10/18

Sat

6:00

7:00

8:00

9:00

10:00

11:00

12:00

13:00

14:00

15:00

16:00

17:00

18:00

8:00 - 11:00
der Morgen

11:00 - 11:30 RaBe-Info

11:30 - 18:00
Klangbecken

18:00 - 18:30
der Morgen

8:00 - 11:00
der Morgen

11:00 - 11:30 RaBe-Info

11:30 - 16:00
Klangbecken

16:00 - 17:00
Swamp Digger

17:00 - 18:00
Radio Silbergrau

18:00 - 18:30 RaBe-Info (Wh)

8:00 - 11:00
der Morgen

11:00 - 11:30 RaBe-Info

11:30 - 12:00 Subkutan

12:00 - 16:00
Klangbecken

16:00 - 17:00
Afro Connection

17:00 - 18:00
SEMO Bem besucht das Bundeshaus

18:00 - 18:30 RaBe-Info (Wh)

8:00 - 11:00
der Morgen

11:00 - 11:30 RaBe-Info

11:30 - 15:00
Klangbecken

15:00 - 17:00
Botz 3000

17:00 - 18:00
Dirvin - Home

18:00 - 18:32 RaBe-Info (Wh)

8:00 - 11:00
der Morgen

11:00 - 11:30 RaBe-Info

11:30 - 18:00
Klangbecken

18:00 - 18:30 RaBe-Info (Wh)

8:00 - 11:00
der Morgen

11:00 - 13:00
Piazza Italia

13:00 - 14:00
Klangbecken

14:00 - 16:00
End2End

16:00 - 18:00
Klangbecken

18:00 - 19:00
der Morgen

LibreTime at RaBe

RaBe Liquidsoap Distribution (RaBe-LSD)

- Liquidsoap as RPM packages for Enterprise Linux distributions like CentOS
- Built to ensure that we use the same build of liquidsoap over our fleet
- Made available to the public via Open Build Service (OBS)

<https://build.opensuse.org/project/show/home:radiatorbe:liquidsoap>

<https://github.com/radiatorbe/centos-rpm-liquidsoap>

Other Solutions

- A liquidsoap based bespoke playout solution
- Audio archival software raar
- Audio Packages for Enterprise Linux (RaBe-APEL)
- See our GitHub @radiatorbe for more

Some Patterns

- work closely with vendors to solve issues as they arise, working with vendor/manufacturer support has helped make our AoIP stack as stable as we need it to be
- make sure your community knows why free software goes hand in hand with independent media and free press
- do outreach to foster know-how sharing and to help other stations with adopting a similar tech-stack to yours

Thanks!

Over the years the liquidsoap community has been very welcoming to our community radio antics.

The support from the liquidsoap community we have come to rely on is highly appreciated and we consider it a crucial part of being able to stay on air for another 25 years!

