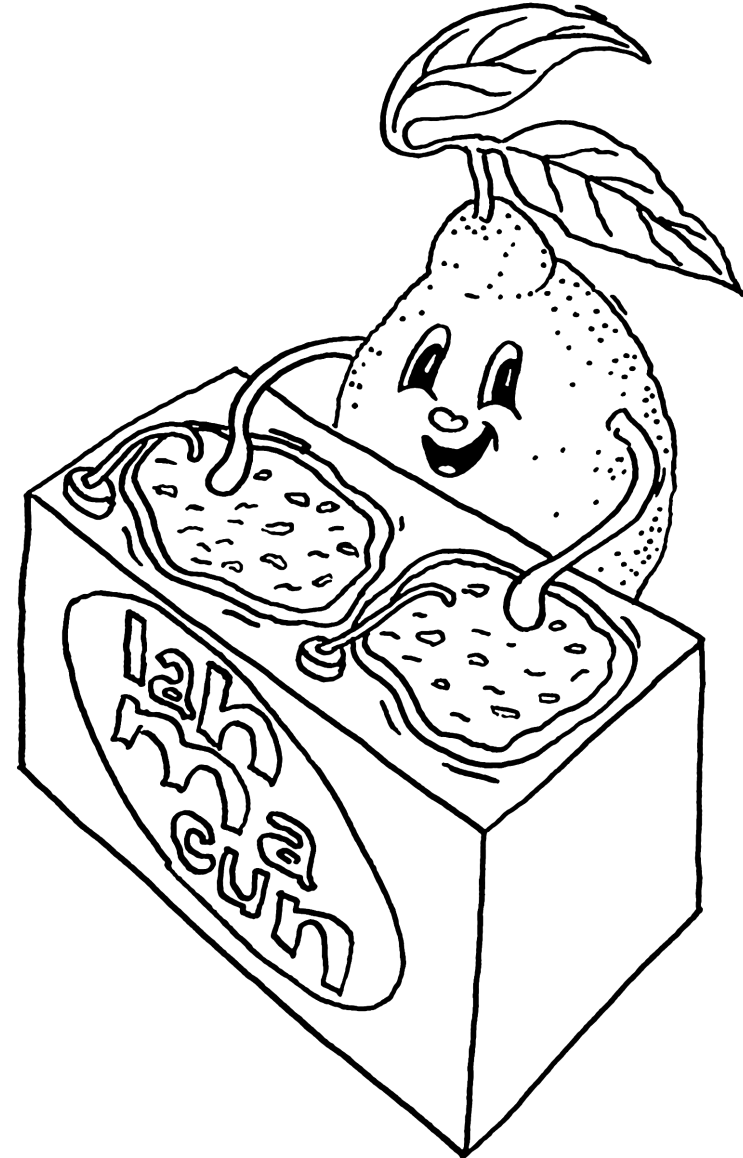


Lahmacun radio

Dynamic length radio shows in fixed time slots

<https://lahmacun.hu>

2023, May 30th

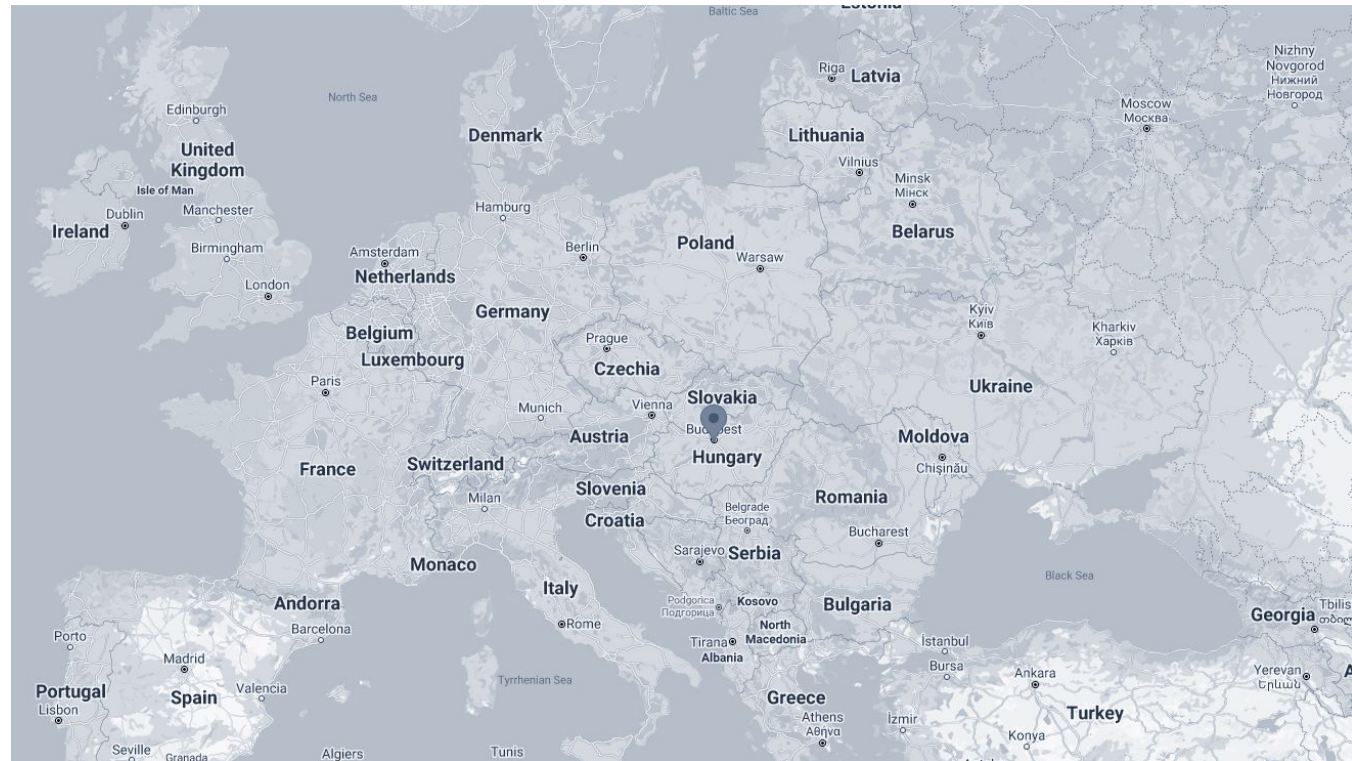


Lahmacun community radio



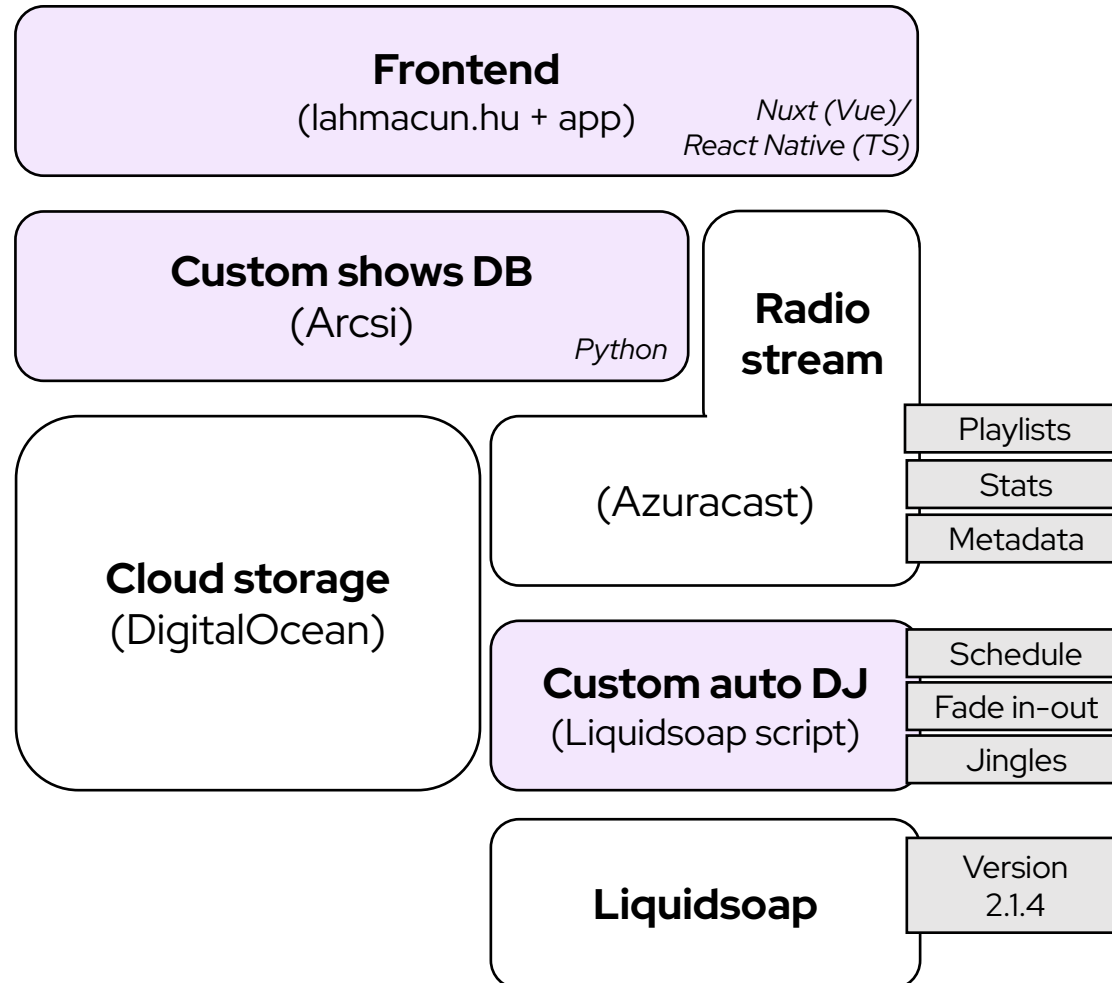
- Founded in 2018 in Budapest, Hungary
- Named after Turkish pizza 😊
- 50+ international shows
- Main genre: music & more
- *IT team: 5+ volunteers*

<https://lahmacun.hu>



The Lahmacun stack

<https://github.com/lahmacunradio/>



LEGEND

Our development

Out of the box



Update since Liquidshop2 (2022)

- Liquidsoap 1.4 → 2.X (currently 2.1.4)
- More stable relayed streams (no flood of error logs)
- Major frontend update (see <https://lahmacun.hu>)
- ~~Context specific jingles~~
- ~~Delay based scheduling dynamic length radio shows (native Liquidsoap solution)~~



Update since Liquidshop2 (2022)

- Liquidsoap 1.4 → 2.X (currently 2.1.4)
- More stable relayed streams (no flood of error logs)
- Major frontend update (see <https://lahmacun.hu>)
- ~~Context specific jingles~~

Legacy: switch transitions not avail.
2.X solution: work in-progress
- ~~Delay based scheduling dynamic length radio shows (native Liquidsoap solution)~~



Update since Liquidshop2 (2022)

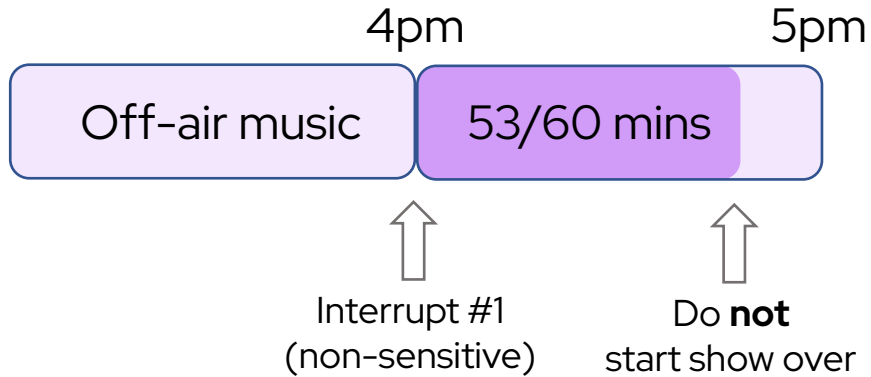
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**THIS TALK'S
FOCUS**

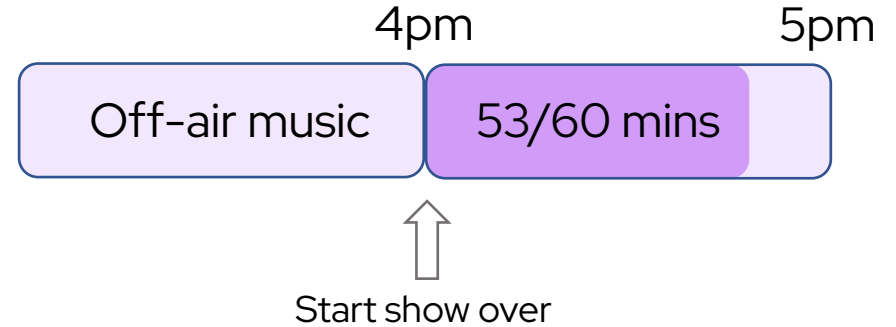
Dynamic length radio shows in fixed time slots (DLS): Shorter-than-slot case



Tuesday



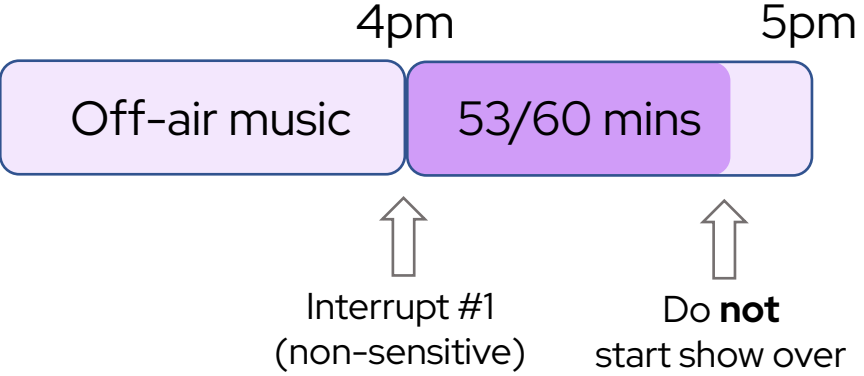
Tuesday
(next week)



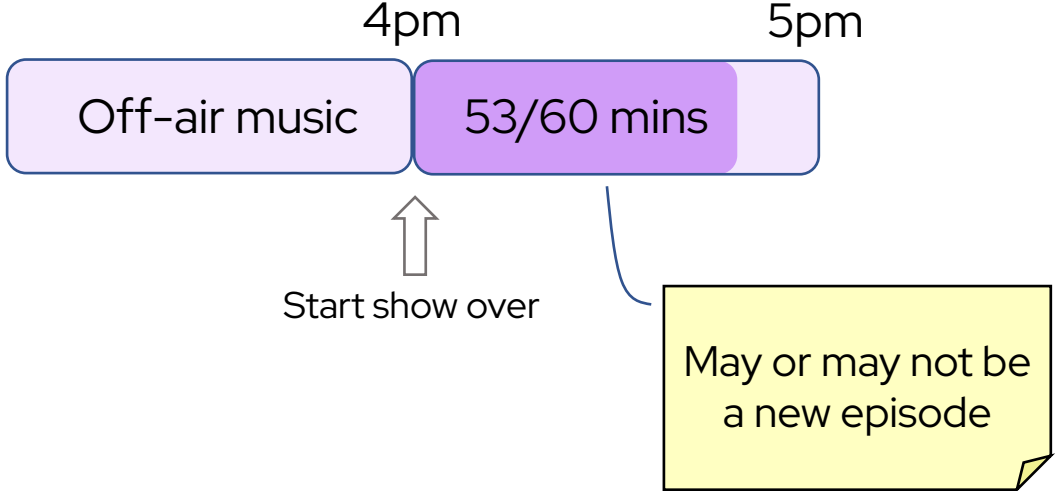


Dynamic length radio shows in fixed time slots (DLS): Shorter-than-slot case

Tuesday



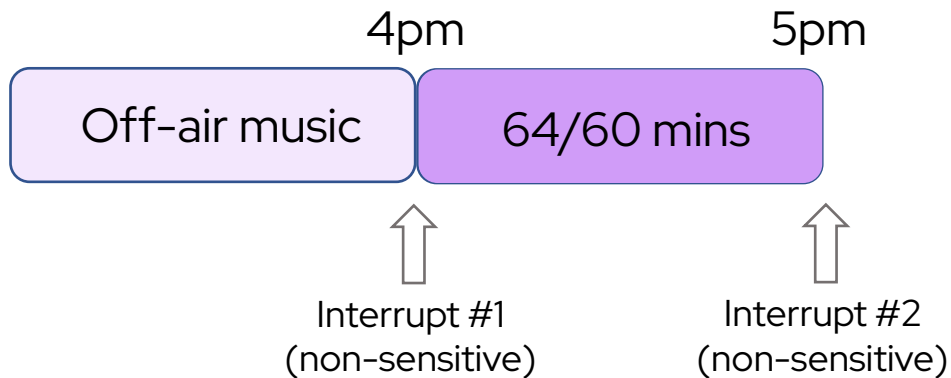
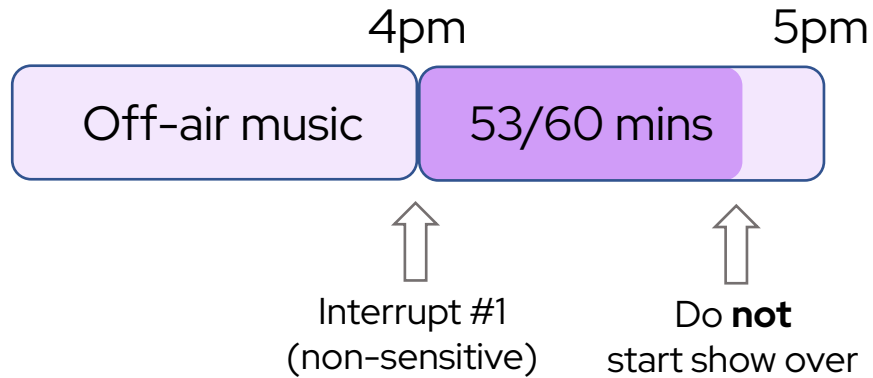
Tuesday
(next week)



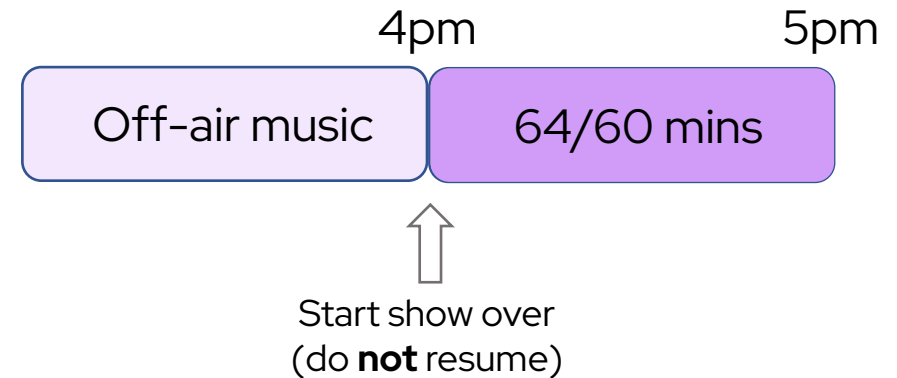
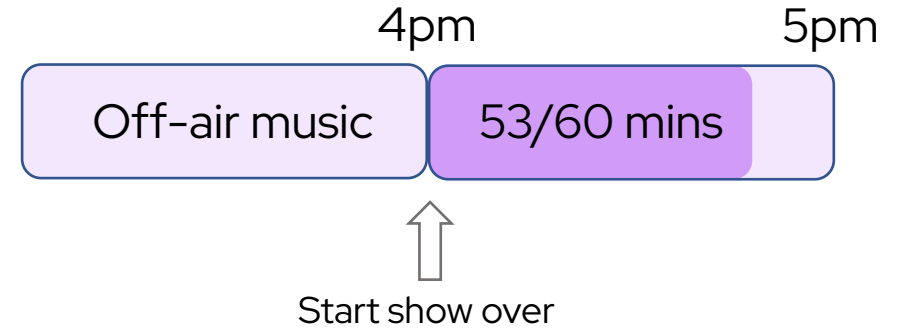
Dynamic length radio shows in fixed time slots (DLS): Longer-than-slot case



Tuesday



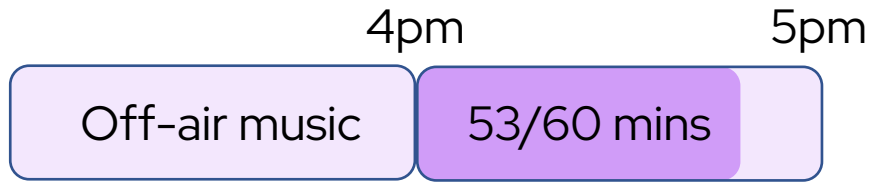
Tuesday
(next week)



Dynamic length radio shows in fixed time slots: Longer-than-slot case



Tuesday



Interrupt #1
(non-sensitive)

Do **not**
start show over

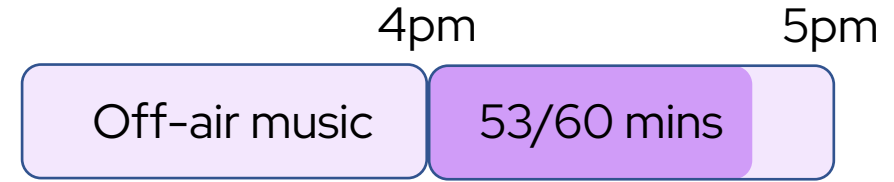
NOTE
All interrupts
are faded



Interrupt #1
(non-sensitive)

Interrupt #2
(non-sensitive)

Tuesday
(next week)



Start show over



Start show over
(do **not** resume)

DLS implementation approaches



Azuracast native

- No nested interrupts (one „interrupt“ queue)

Liquidsoap native

- `delay operator + skip` (<https://github.com/savonet/liquidsoap/discussions/2791>)

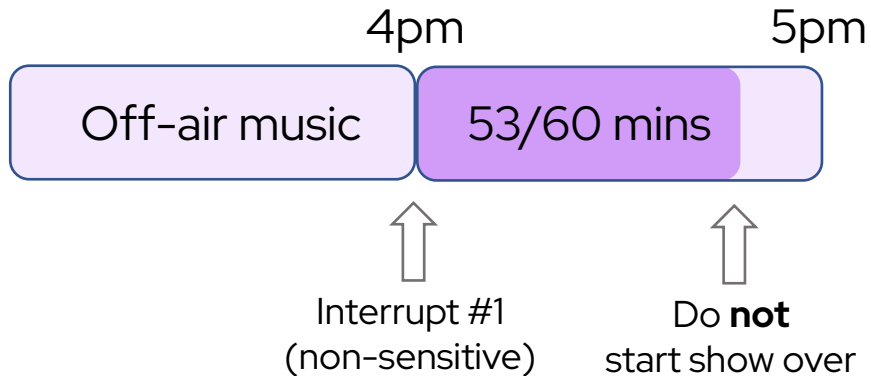
Liquidsoap-based hybrid

- `once` + external daily reload
- Limitation: daily reload needs to be off-schedule time

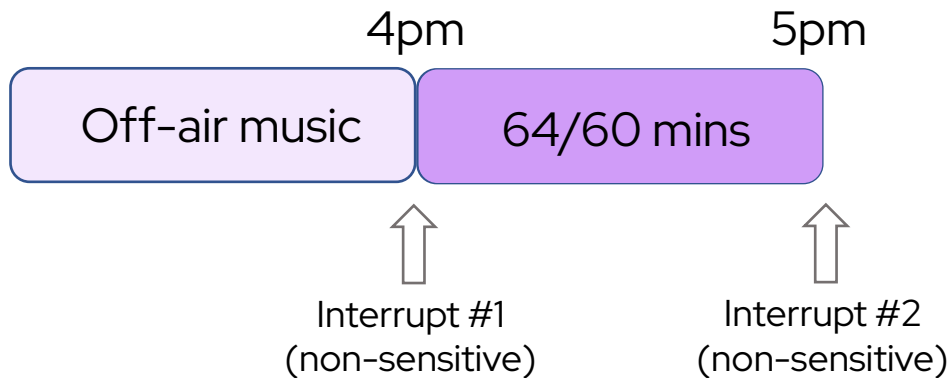
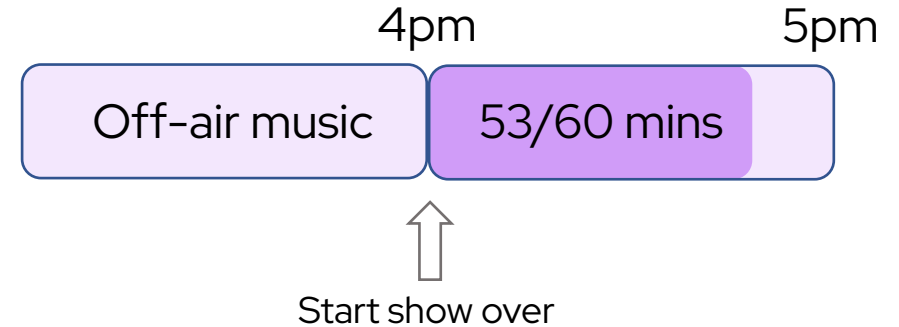
Dynamic length radio shows in fixed time slots (DLS): Azuracast native approach



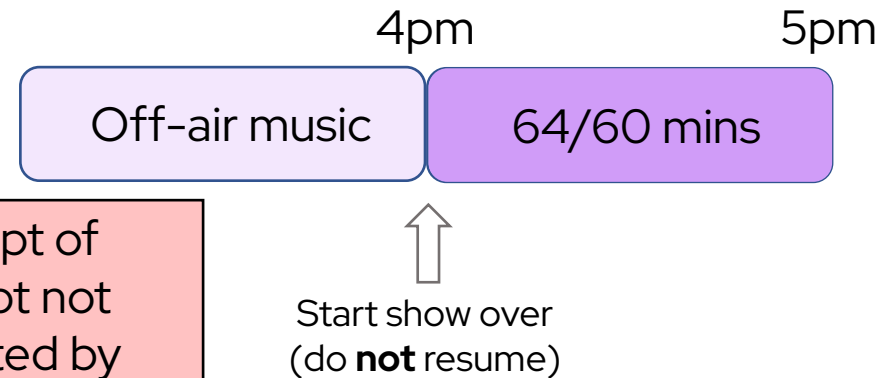
Tuesday



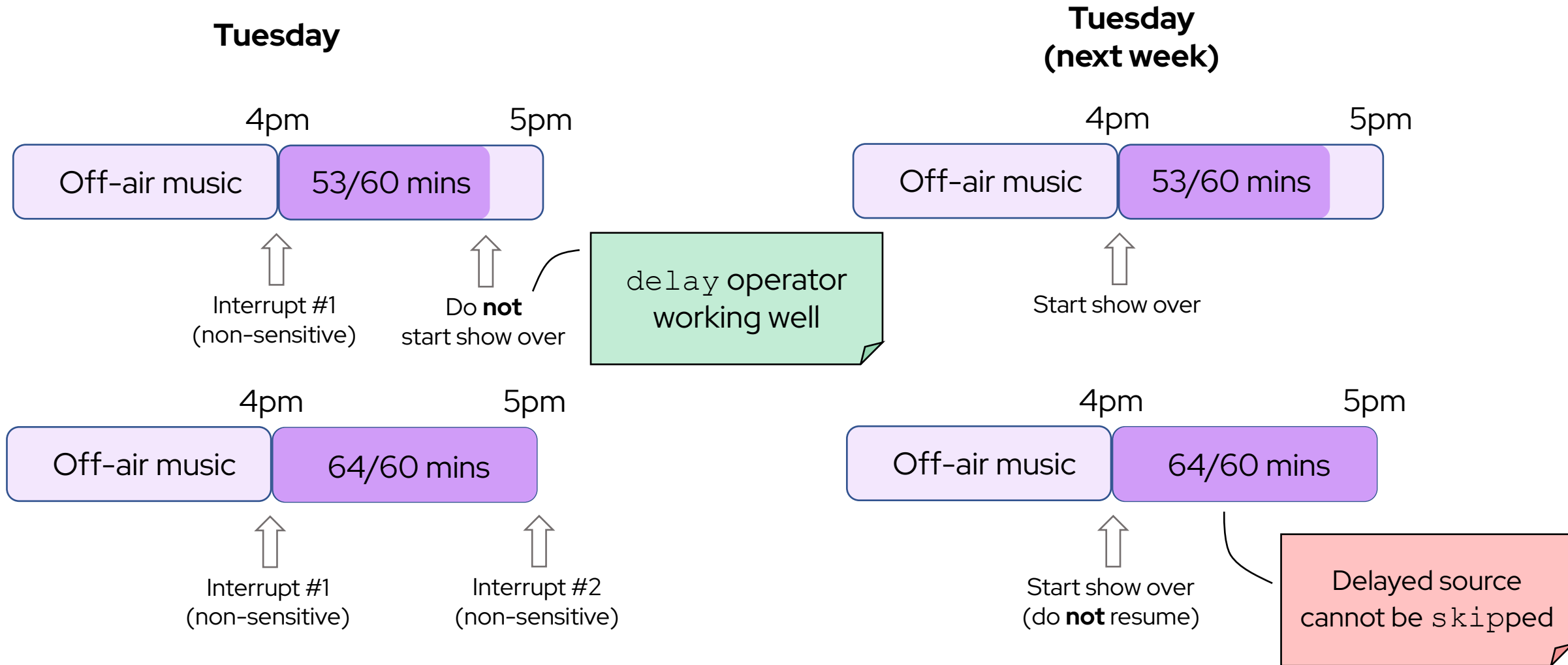
Tuesday
(next week)



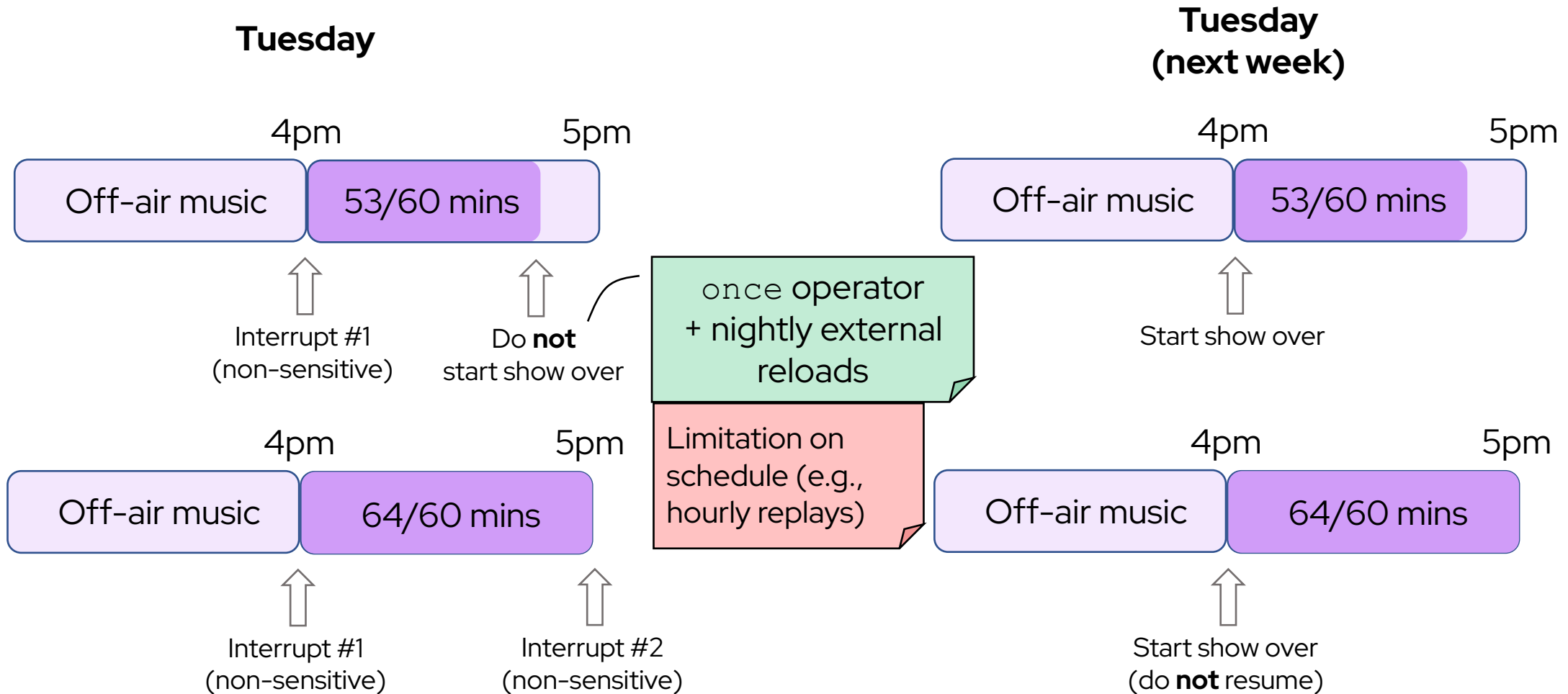
Interrupt of interrupt not supported by Azuracast (0.17.7)



Dynamic length radio shows in fixed time slots (DLS): Liquidsoap native approach



Dynamic length radio shows in fixed time slots (DLS): Liquidsoap-based hybrid





For Liquidshop4 ;)

- Context specific jingles
- Delay-based scheduling dynamic length radio shows (native Liquidsoap solution)

THANKS!