# Archiving DAB/DAB+ Feeds

Ben Cartwright-Cox @benjojo12

## \$ whoami ben

- I don't do this as a job like some of you
- Just a rogue archiver
- "Systems" Engineer (aka software) / Ops in the day
- For the most part have no idea what I am doing



WIKIPEDIA The Free Encyclopedia

Main page Contents Featured content 

 Article
 Talk
 Not
 Image: Search Wikipedia
 Q

#### Lost television broadcast

From Wikipedia, the free encyclopedia

Lost television broadcasts are composed of mostly early television programs and series that for various reasons cannot be accounted for in personal collections or studio archives.

#### Secure | https://en.wikipedia.org/wiki/Lost\_television\_broadcast

#### United Kingdom [edit]

Main article: List of lost television broadcasts in the United Kingdom

- Early BBC-created programmes from the 1930s and 1940s such as Telecrimes, Pinwrigh recorded. The only visual evidence of these programmes today consists of still photographic
- All recordings of the early televised Francis Durbridge serials from 1952 to 1959 were co
- Only one episode survived from the 1961 TV Series Call Oxbridge 2000.
- Four of the six episodes of The Quatermass Experiment, Britain's first science fiction tele
  of any fictional agrics today.

## **BBC** Redux

BBB Reserve & Development Logged in! :: Home :: Your account :: Log out Content search :: Home heliha likrary (search) (desing lasty-) Advanced..... result(s) 1-25, More .... 3 An investing the Archive An investigation into the meaning of archives, as ourstor Jamie Andrews looks through the materials writer John Berger donated to the British Library. broadcast Fri, 29 Jul 2011 22:00 85T, bbcr3, duration 45:00 3 Music Feature Sir Henry's Hoard: Using Prems founder Henry Wood's collection of concert programmes in the British Library, Stephen Johnson builds a sicture of concert-going life around 1900. breadcast Sat. 9 Jul 2011 12:15 BST, bbcr3, duration 45:00 Geoffrey Natthews. Episode 2 of 4. broadcast Wed, 27 Apr 2011 06:00 BST, bbc7, duration 30:00 Simon Mayo Entertainment, music and conversation. Including Matt's Midweek Middle Aged Moshing Moment, and two live tracks from The Goo Goo Dolls in the Great British Sonsbook Library, breadcast Wed, 10 Nov 2010 17:05 GMT, bbor2, duration 115:00 Simon Mayo Exis Costello plays live on Drive performing a cover of a great British-penned hit as part of the Great British Songbook Library series. broadcast Wed, 27 Oct 2010 17:05 BST, bbor2, duration 115:00

#### Secure | https://en.wikipedia.org/wiki/Lost\_television\_broadcast

#### United Kingdom [edit]

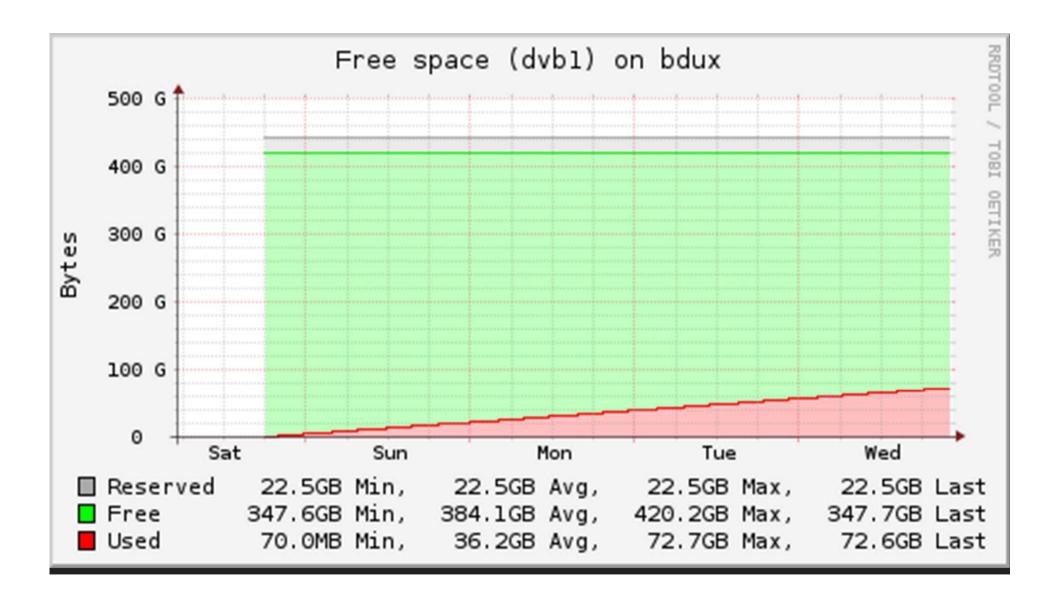
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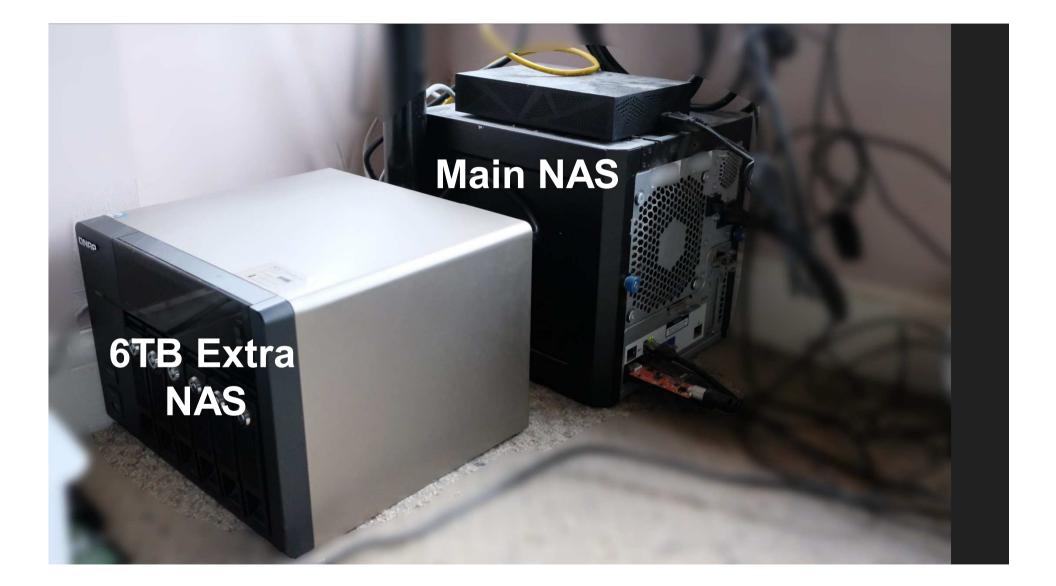
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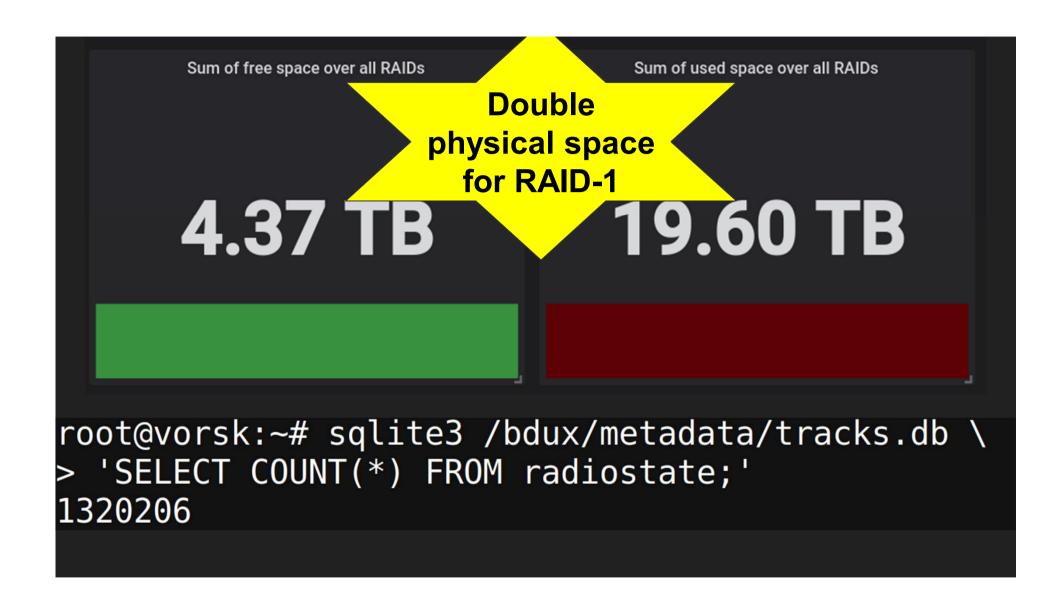






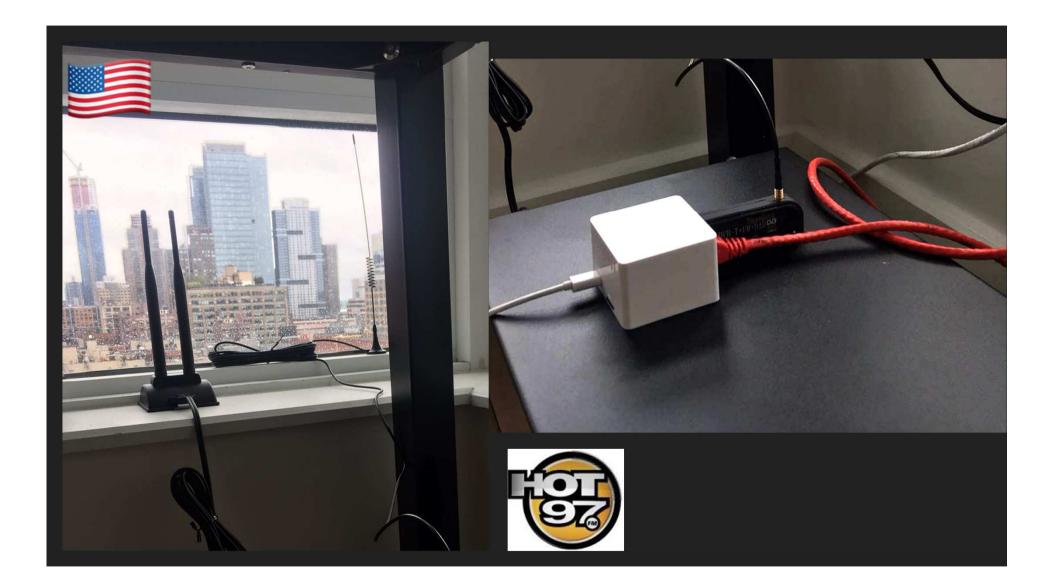










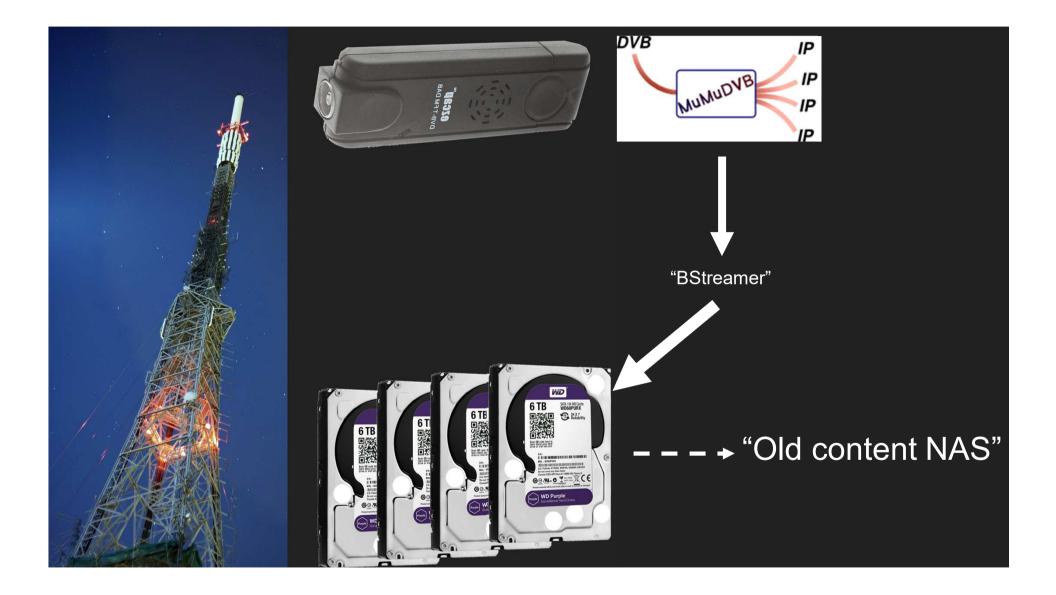


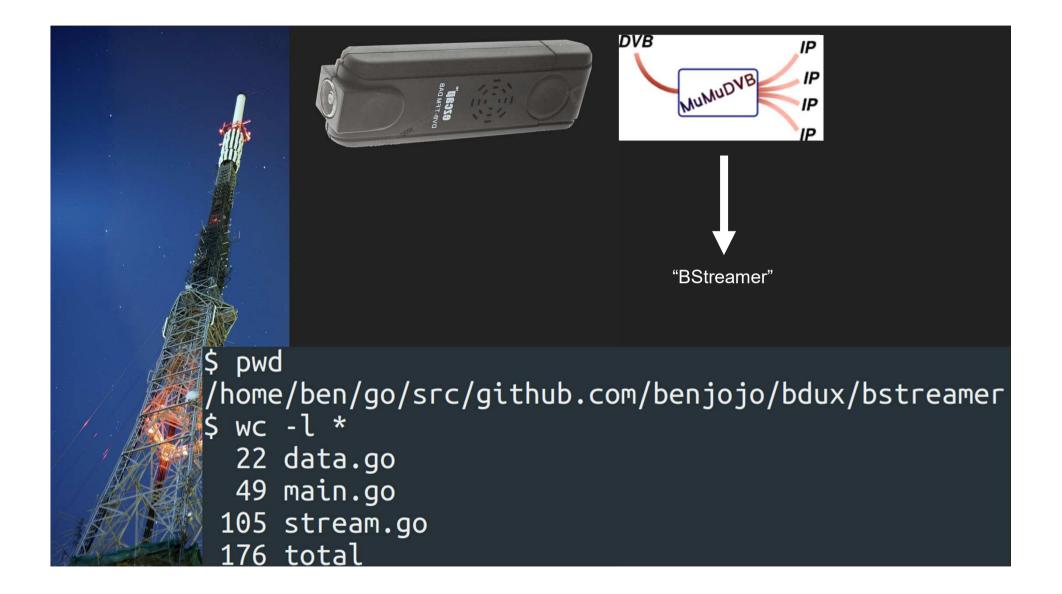


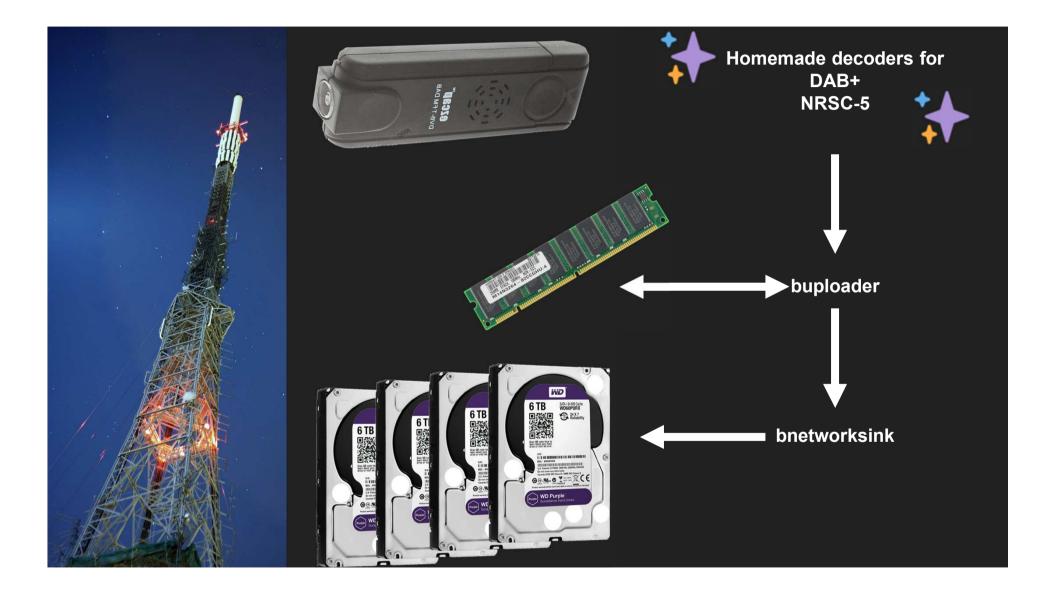
**BBC 1** 192 kbps MP2 **538** 80 kbps AAC BBC 160 kbps MP2 Hot 97 60 kbps AAC BBC 4 192 kbps MP2 Triple j 64 kbps AAC BBC 6 160 kbps MP2 BBC 🔁 192 kbps MP2

## Wrap up tech overview

## **Critical Path: Recording**

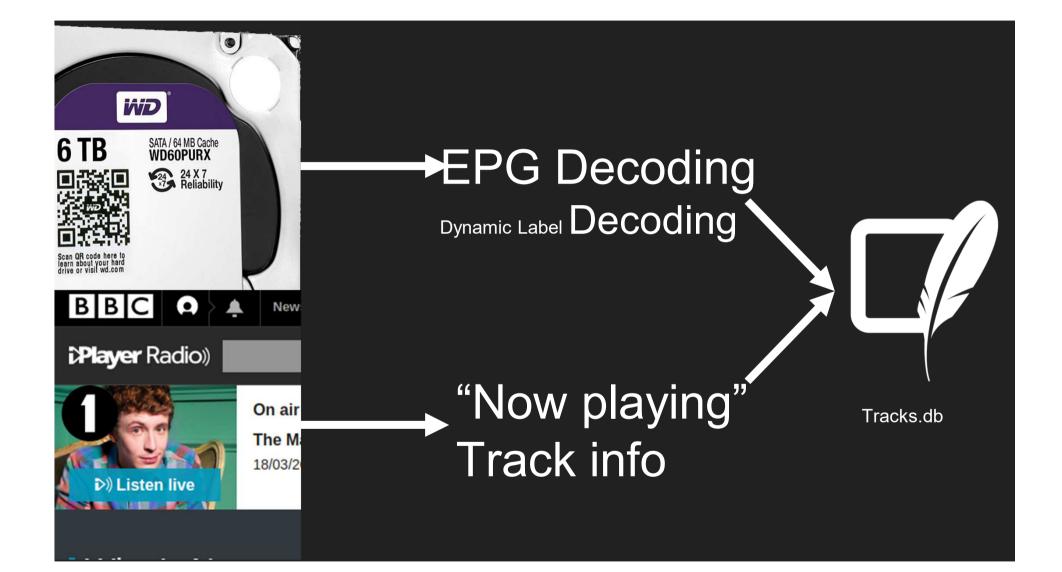


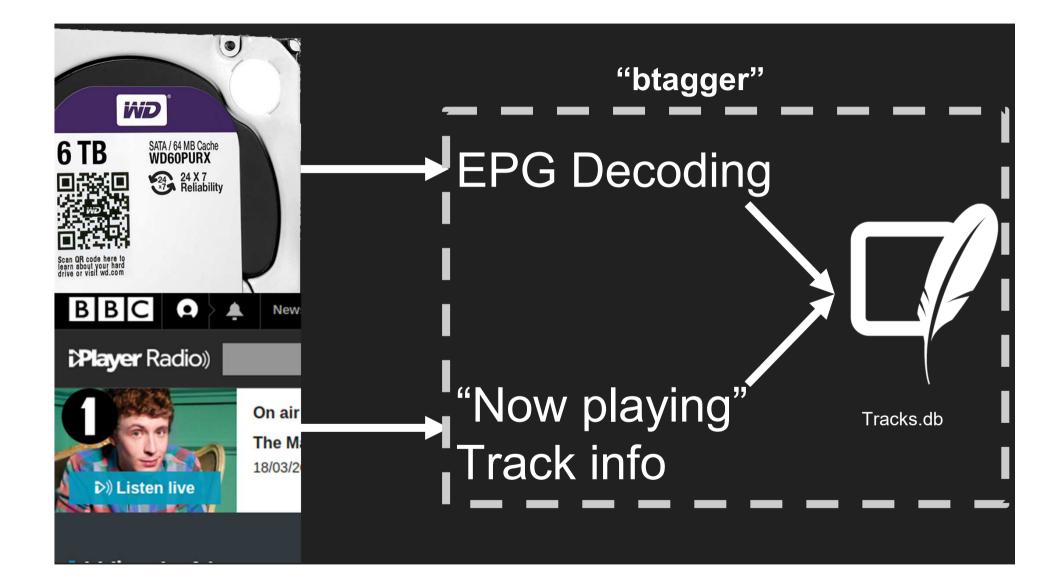


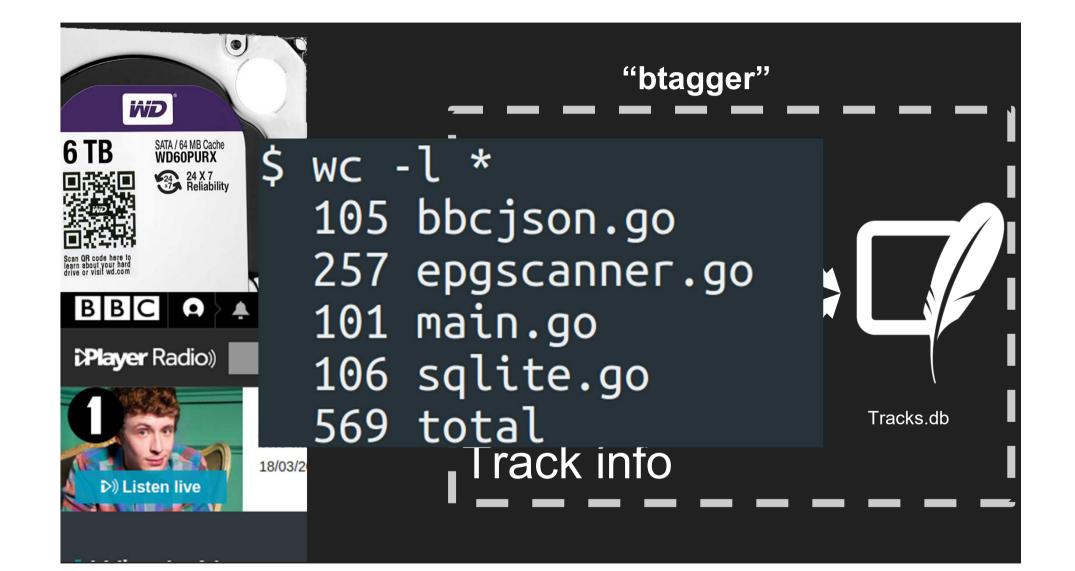




## High Priority: Tagging







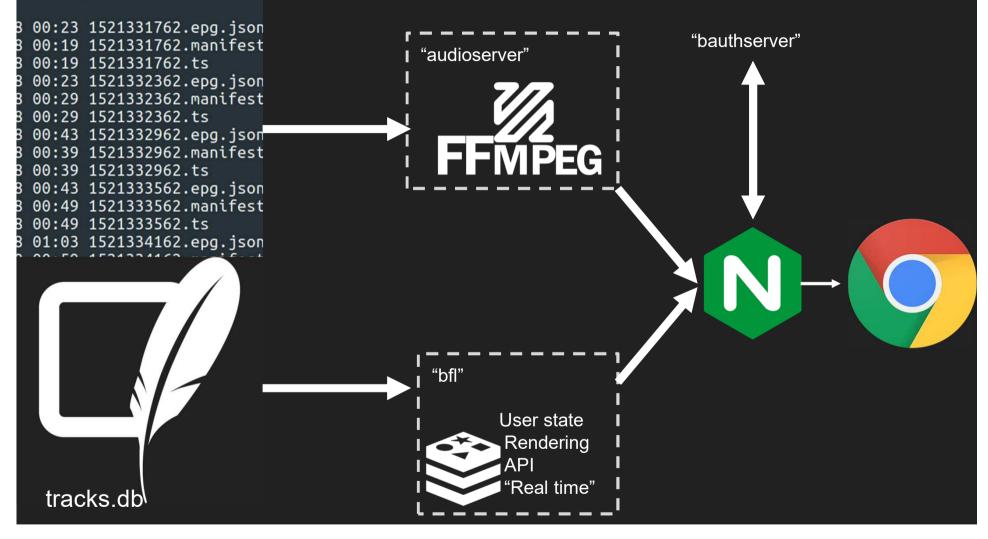
#### ls -hl

00:23 1521331762.epg.json 00:19 1521331762.manifest 00:19 1521331762.ts 00:23 1521332362.epg.json 00:29 1521332362.manifest 00:29 1521332362.ts 00:43 1521332962.epg.json 00:39 1521332962.manifest 00:39 1521332962.ts 00:43 1521333562.epg.json 00:49 1521333562.manifest 00:49 1521333562.ts 01:03 1521334162.epg.json



### Low Priority: Playback

#### ls -hl



## Total LOC: 80k~

#### Total LOC: 80k~ + breaks from time to time

bdux Logged in as Benjojo12	Quer	y	Search
BDUX RADIO RECALL SYSTEM			
LAST LISTENED TO (24H20M54S AGO):			
What We Got. By: The Vanguard Project Resume			
Starred Tracks			
Name	Artist	Station	
What We Got	The Vanguard Project	6720	Stream
Callback	Krakota	6720	Stream
Purple People Eater	Pegboard Nerds	6720	Stream
Lit Up	Phace	6720	Stream
Deep In My Heart	Hamilton	6720	Stream
Lullaby (Logistics Remix)	Andreya Triana	5888	Stream
Play (feat. UK:ID)	Muzzy	6720	Stream
Give It Up	J Majik	6720	Stream
Bar Fight	Delta Heavy	6720	Stream
Time Traveller	TC	6720	Stream
Trouble	Offaiah	6720	Stream
Stranger	Chris Lake	6720	Stream

# Data isn't always great

## Simulcasts

Tue Sep 06 2016 02:19:56 GMT+0100 (BS	T) Friction	bbc_1xtra Stream
Tue Sep 06 2016 02:20:04 GMT+0100 (BS	T) Friction	bbc_radio_one Stream
BBCL	+	BBCL

#### Spelling errors in track data

Song Results:

Name	Artist
Anomalie	Noisia
Anomaly	Noisia
Anomaly	Nosia

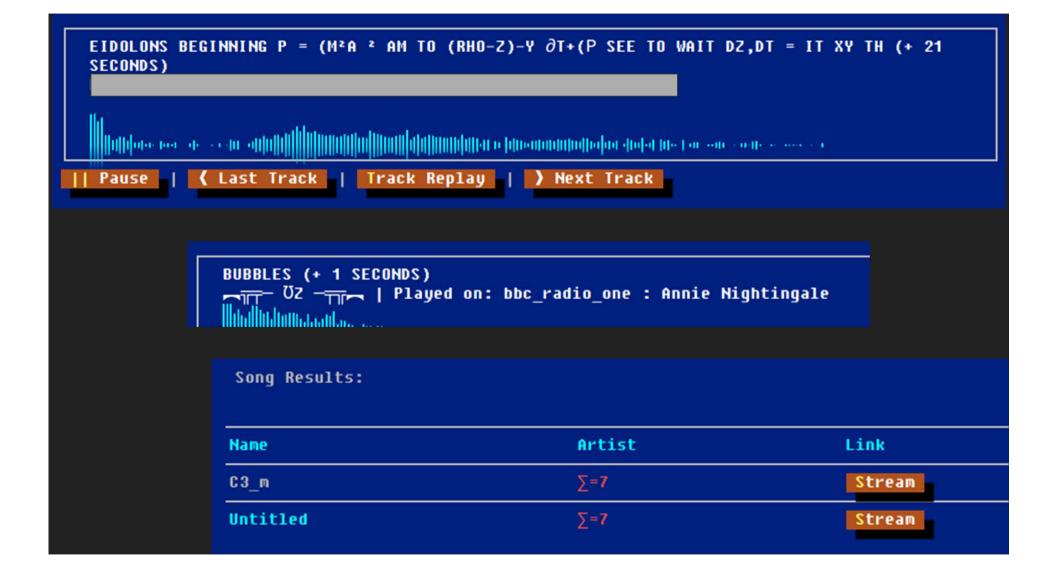
bdux Logged in as Benjojo12	EMBARGO	Search	
Name	Artist	Link	
Black *TARGET EMBARGO 281016 DO NOT PLAY*	Donae'o, Jme & Dizzee Rascal	Stream	
Cotton Candy (TARGO EMBARGO 30th Nov 2017 9PM)	Jessie Reyez	Stream	
Dive (STRICT EMBARGO FRIDAY 030317 1PM)	Ed Sheeran	Stream	
Glue	Bicep	Stream	
In The Morning (TARGO EMBARGOED)	LiTek	Stream	
Jus Come (DANNY EMBARGO 111117)	Mark Knight & Tuff London	Stream	
Lost Away (ANNIE MAC EMBARGO 041215) (feat. Shakka)	Sigma	Stream	
Matador **DANNY EMBARGOED 03/02**	Solardo	Stream	
Nobody Knows *FRICTION EMBARGO 251016*	Sub Focus	Stream	
One More Time (TARGO EMBARGO 12th Jan DO NOT PLAY) (feat. Abra Cadabra & Kush)	Frass	Stream	
We Just Don't Care ***DO NOT PLAY*** EMBARGOED TILL 730 6th APril	Shy FX	Stream	
** strictly embargoed / world exclusive DO NOT PLAY ** Humility	Kamasi Washington	Stream	
**EMBARGOED TILL 10AM - 7TH JULY ** Smile (feat. Gloria Carter)	JAY-Z	Stream	
Alarm (Naughty Boy Remix) (Embargoed 24062016 after 10pm)	Anne-Marie & Chip	Stream	
All A Dream (MistaJam <mark>Embargo</mark> TX210716)	Wretch 32	Stream	

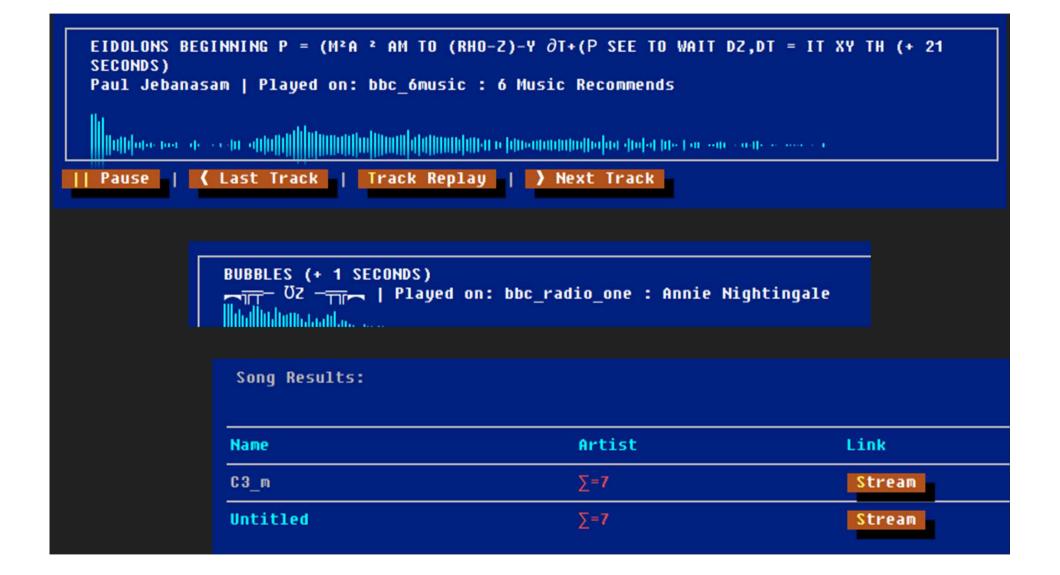
BUBBLES (+ 1 SECONDS)

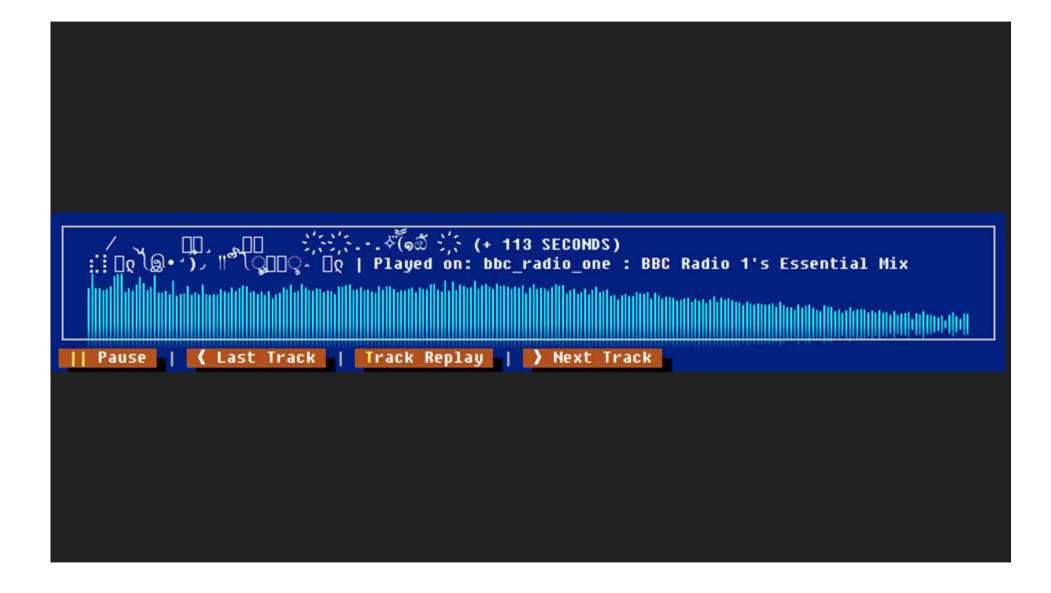
# BUBBLES (+ 1 SECONDS)

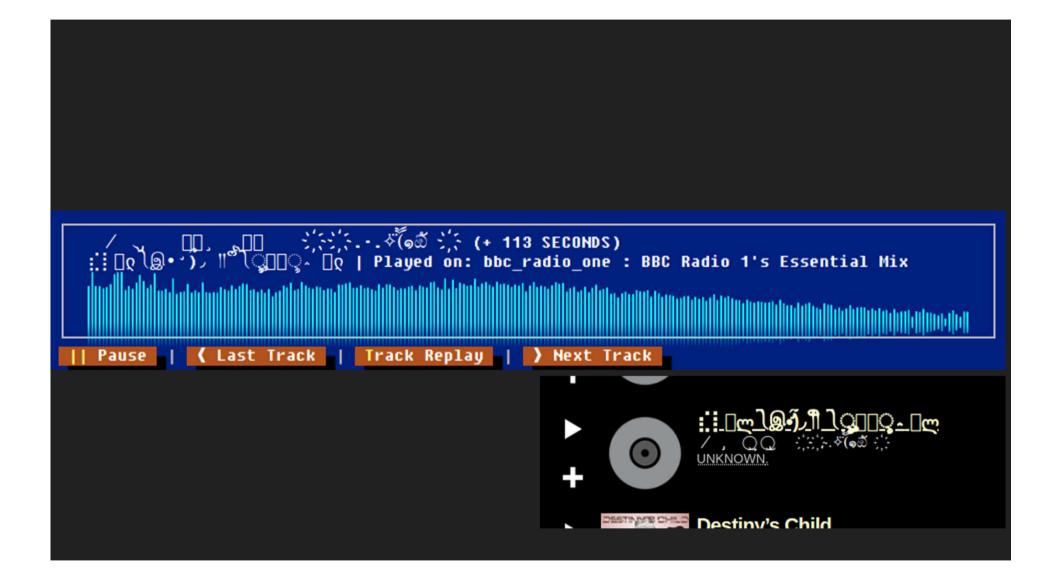
#### Song Results:

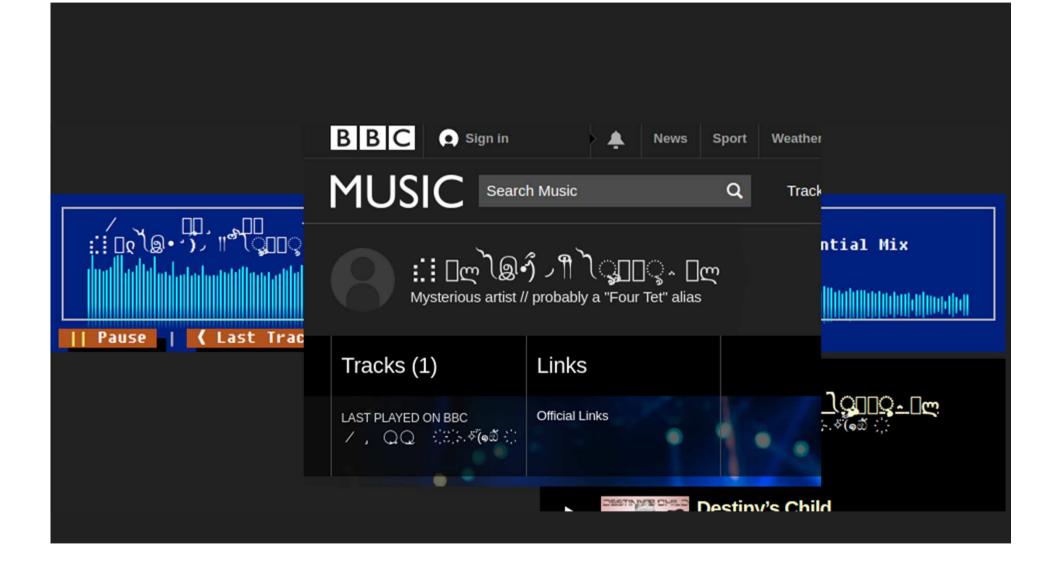
Name	Artist	Link
C 3_m	∑=7	Stream
Untitled	∑=7	Stream











#### "Don't mess up like Ben did"

- NTP Sync All Systems
- Ensure you think about failure boundaries and expectations for each µ-service you run
- Run migrations as slow as you need for irreplaceable data
- Keep original copies of data you are importing, you can fix your mess ups years after you make them
- Don't live in the UK where all digital radio is MPEG-2
- Don't forget about metrics
  - Make sure your metrics *actually* connect to bad things happening

# Questions?

Or complaints to: ben+nttw3@benjojo.co.uk