...and the main points again

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Head of Future Media & Technology
BBC Audio & Music Interactive

BBC

WTF? OTT on TLAs

TPEG; RDS-TMC; PTI; RTM; TEC; MMC; AEC; LRC; LOC; DLR-1; DAB; DRM; MTN; GTN; SOA; FPI; ETSI; AVDB; MPEG; MXF; WMV; XML; RSS; AAC; DMI; FM; YAGI; IP; ISOs; SA82; VoIP; RTP; SIP; HD

@danieljowen is in an APP - acronym-packed presentation

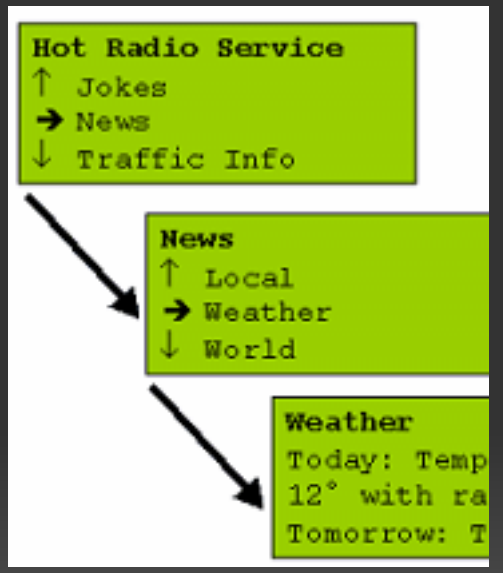
TPEG - traffic information over DAB

- Tons more data
- Not just traffic info:
  - Fuel price information
  - Traffic information
  - Car park availability
- How can this benefit the radio industry? DAB antennas on cars?
- DAB is more than just audio

iTIS Holdings plc

Journaline

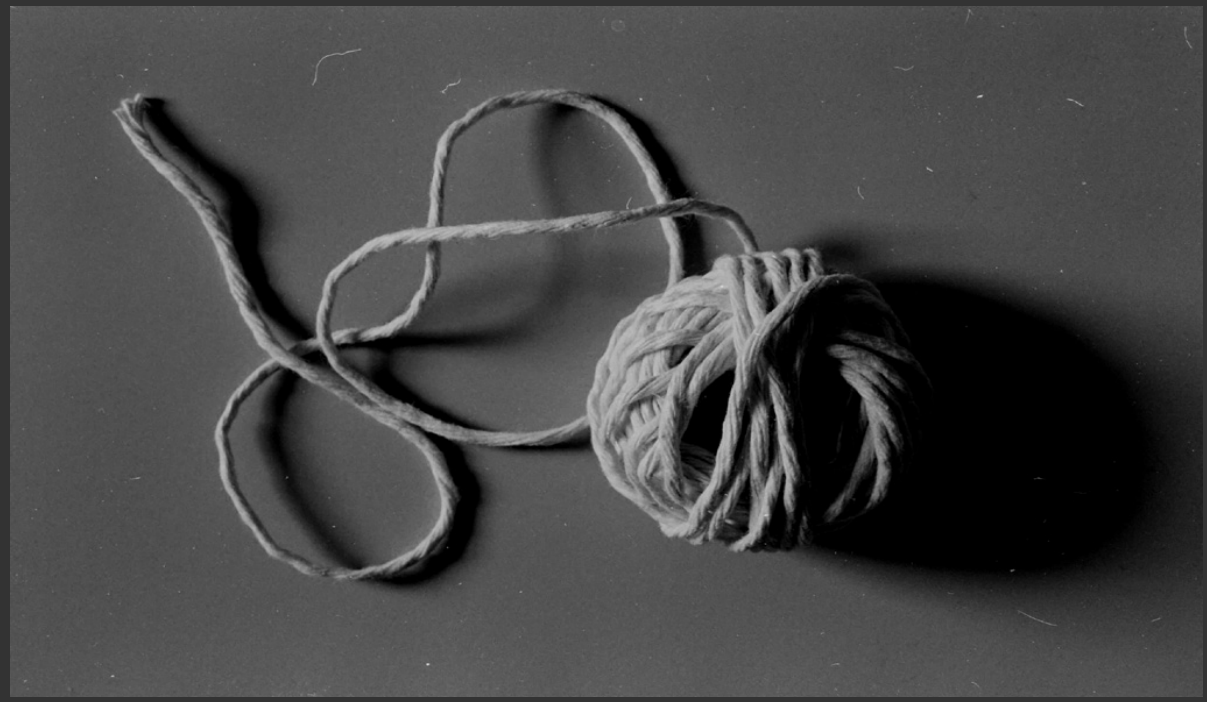
- "Teletext for radio" over DAB, DRM, and more
- Works well with RSS feeds and other existing content
- Low bitrate
- Potential for geo-tagging - how can this be used to produce a hyper-local service?
- Is text enough to get people excited?
- DAB is more than audio



NewsService Journaline®

Mobile Traffic Network alerts

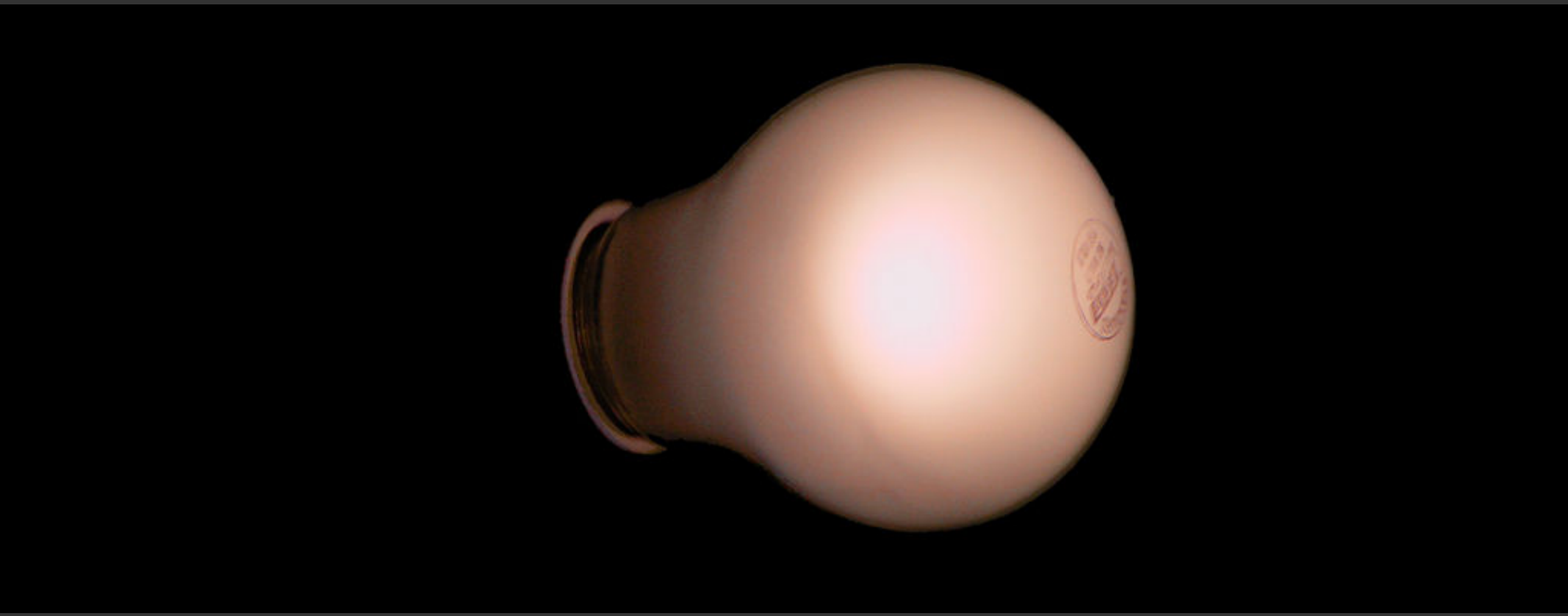
- Works on mobile phones - knows your location from the cellphone site you're attached to
- Uses this location to selectively broadcast personalised alerts - for traffic, or severe weather, or even local events
- Your phone just "talks to you" - this isn't an unread SMS
- The system even knows which direction you're going, so gives you better personalised information
- How can this be more related to our radio stations? Aren't we the people who broadcast traffic information?



- Siemens talked about tying BBC systems together with 'Digital Fabric'
- Shouldn't every piece of hardware and software come with an open API?

SIEMENS

Ceci n'est pas un lightbulb



"A lightbulb is an isotropic radiator.", as we learnt

@fatcontroller Radio reception is all about doughnuts, squashed balloons, light bulbs and plastic cups

Antennas: black magic

- Planning and operating transmitters is bloody complicated
- Just "turning up the power" is not the whole solution to increase coverage
- The reason we initially used horizontal polarity for FM was a "mistake"
- Except it wasn't

arqiva

Pacific Quay: new technology

- Using the new tapeless library enables additional programming for BBC Radio Scotland
- The digital library gives you full access to music and sound-effects without carrying CDs about
- There's one tape machine in the entire building!
- "It's meant to be fun": technology opens up tremendous possibilities for more fun.

BBC

Student Radio: learn from it

- Virtually all their audience is on the internet
- Writing their own playout software and web-based interactive services; continuously pushing the envelope
- Most convergent radio services in the UK?
- What can we (the "professionals") learn from student radio?

Student Radio Association

BFBS

- Broadcasting in extreme conditions
- A real eye-opener: a huge but hidden operation
- Useful learnings about kit, relationships with IT, and more - how can we learn more?

BFBS radio

IP: convergence is scary

- Nobody has ever challenged the portability or in-car availability of radio - things we've controlled.
- Now they are.
- Be afraid, be very afraid.

Fascinating IP-based studio setup.

BROADCAST BIONICS

Olinda: bloody marvellous

- What happens when DAB and IP coexist in a receiver?
- Are hybrid receivers the way forward?
- The 'concentric dials' - how can we improve the UI for radio receivers?

BBC

The future is IP

Crikey. Most people thought that IP will replace broadcast.

Radio at the Edge

10th November 2008, central London
(and a pre-event social on the evening of the 9th)

IP - technology - platforms - web 2.0 - podcasting

Guarantee: No Talking About Antenna Technology

Twitter: @**radioattheedge**
Web: **radioattheedge.com**

RADIO AT THE EDGE
THE RADIO ACADEMY

Thank you

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