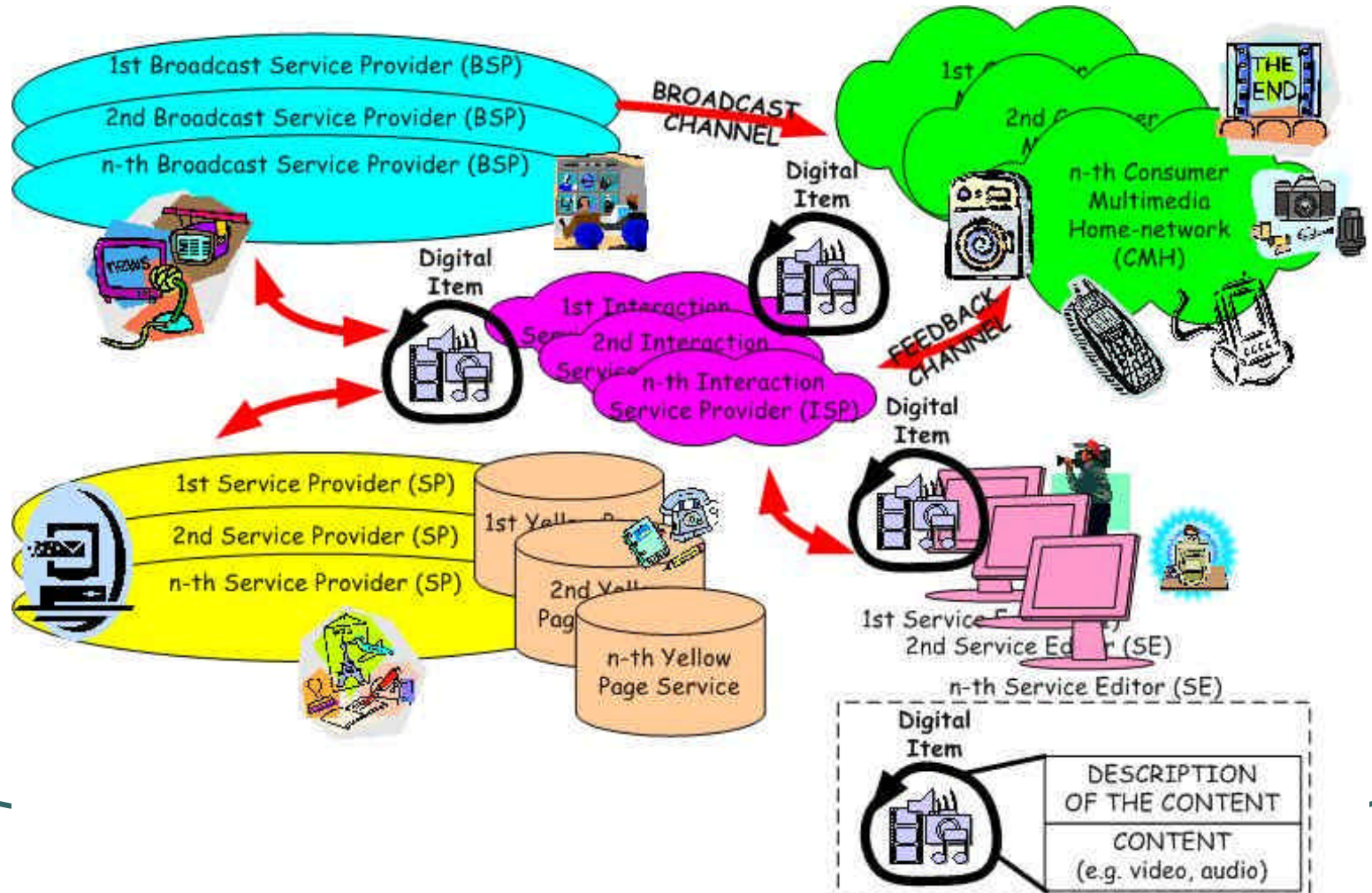


***Digital Broadcast Item Model:
Harmonization of Broadcast Metadata with
MPEG-21
(ISO/IEC JTC1/SC29/WG11)
MPEG2003/M9714
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Introduction



Experiments

- Agent based personalization (transmission)
- Vision based digiTV mouse (adaptation)
- Hyperlinked TV (“)
- Adaptive application manager (software ad.)
- eGames, eTicket, ePostcard (variations, adaptation, stamping patterns, visualization)
- Development of the Digital Broadcast Item Model
- Automatic feedback/broadcast channel control (packaging, broadcast item types, play out configuration)

The collage illustrates several digital TV experiments:

- DVB POSTCARD:** A screen displaying a postcard interface with a camera icon and a central image of purple flowers.
- FITV Game Service:** A screen for a TicTacToe game with a score of 0-0 and navigation buttons (EXIT, PLAY, SERVICE, INFO).
- Service List:** A table listing available services for management.

Icon	ID	Service Name	Description	Status	Manage Options
TV	4	Tables Management		●	Manage
TV	3	Movie Database		●	Manage
TV	2	Screen MPEG-7 BM Files		●	Manage
TV	1	Chat Server		●	Manage
- Status Information:** A table showing recent events in the broadcast service.

Image	Date/Time	Event	Description	Ref.
⚠	24-09-2002-10:05	Chat server exception.		
⏸	24-09-2002-10:01	Chat server started		
- E-Ticket:** A login form with fields for Email and Password, and a 'Login' button. It also includes a 'Forgot your password?' link and a note for new users.

Recommendation

- Establishment of an AHG for the Digital Broadcast Item Model (DBIM) to create recommendation/standardization input including core experiments
- Contributing to the use-scenarios and specific standards parts of MPEG-21
- Enriching the requirements pool of MPEG-21 in the context of broadcasting

MPEG-21 ad-hoc group

- subscribe at:
[http://listserv.imec.be/mailman/
listinfo/mpeg-21-broadcast](http://listserv.imec.be/mailman/listinfo/mpeg-21-broadcast)
- contact: lartur@cs.tut.fi
- homepage: www.lugy.org
- We would kindly invite broadcasters and related industrial partners to take part...