

EBU Metadata for News Exchange IPTC NewsML-G2



Jean-Pierre Evain, Benoît Sergent, EBU

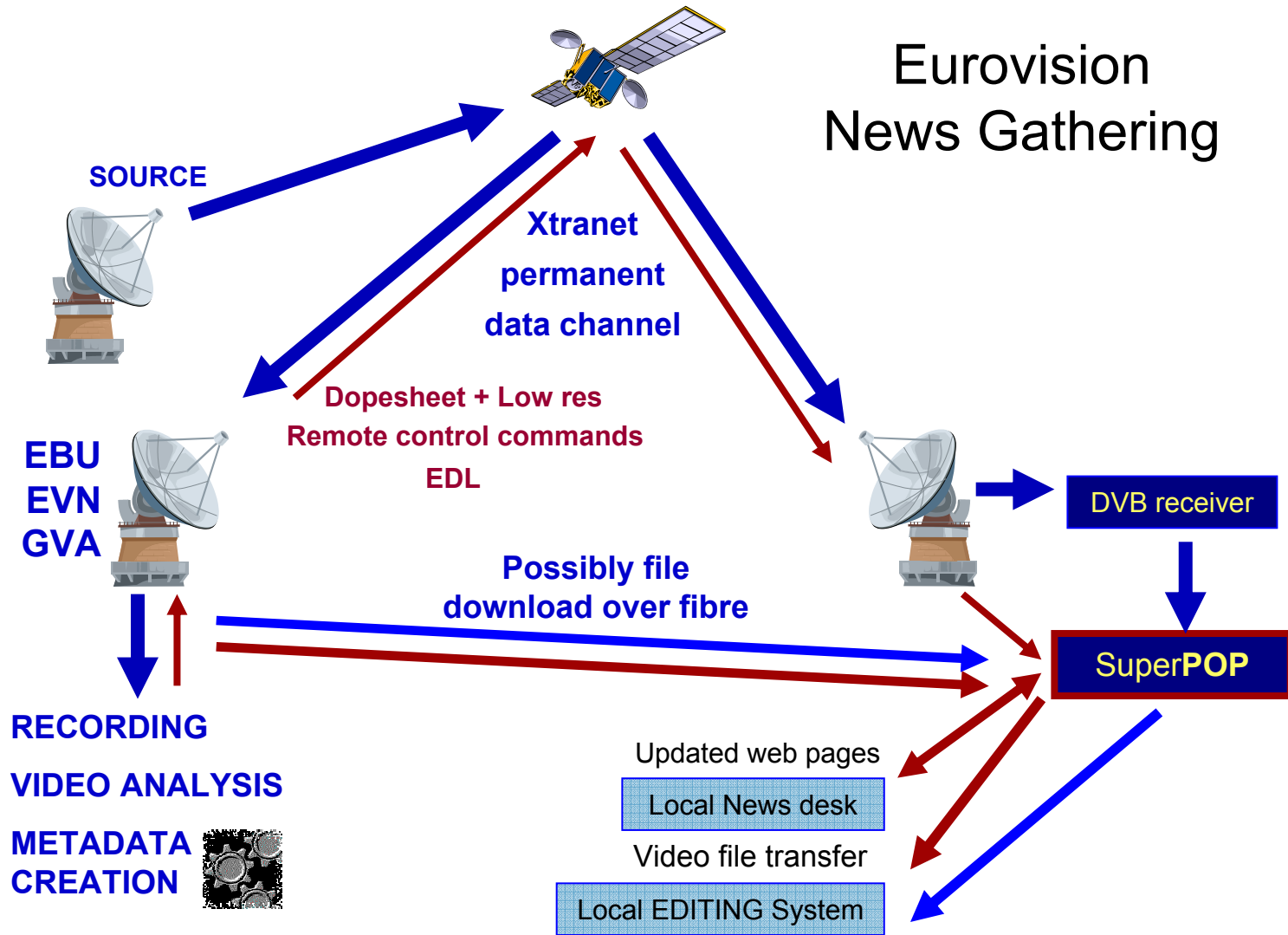
IPTC in a nutshell

- International Press and Telecommunication Council since 1965
- Since the late 1970's IPTC's activities have primarily focussed on developing and publishing Industry Standards for the interchange of news data.
- 70 members inc.
 - AFP, AP, DowJones, New-York Times, PA, Reuters, UP
 - BBC, ORF, EBU (since 2005)

EBU News: Eurovision

- Eurovision Operation Centre in Geneva
- A satellite (up to 50 digital channels on Eutelsat) and optical fibre news gathering xtranet
- News and sports are core EBU activities through a 24/7 service since 1963
- More than 30000 raw news items are exchanged every year through the EBU Newsroom
- From a variety of sources: EBU journalist teams, EBU members reporting teams, video feeds from News Agencies (Reuters, AFP, AP...)

Eurovision News Gathering



Eurovision Xtranet POP (Point of Presence)

Eurovision Xtranet

PNN NEWS/ACTUALITES SPORTS FUTURES MESSAGES SUPER POP SUPPORT

07 Apr 2008
06 Apr 2008
05 Apr 2008
04 Apr 2008
03 Apr 2008
02 Apr 2008
01 Apr 2008
31 Mar 2008
30 Mar 2008
29 Mar 2008

Search
eurovision.net
SuperPop

07-APR-2008 [Show All](#) [Reverse Order](#) Timings in red are not confirmed.

Status: PRE Preliminary, CNF Confirmed, REP Rejected, TBA To be advised, TBC Timing unknown, TRS Transmitted

Start-End	Status	Slug	Origin	City	Source	Rota	Type	ID Item	Video
00:00-00:02	TRS	Mortensens celaha	GBRTV	LNDN	GBRTV	A	EVN	377205	
00:04-00:05	TRS	Mark Peon file	ZZZDJ	WSHT	GBRTV	A	EVN	377210	
00:30-00:30	TRS	Mark Peon file	ZZZDJ	WSHT	GBRTV	A	EVN	377209	
00:30-00:33	TRS	Texas poliovirus wrap	ZZZDJ	WSHT	USCGSN	A	EVN	377211	
00:33-00:35	TRS	Colorado hostage	ZZZDJ	WSHT	GBAPTH		EVN	377208	
00:35-00:37	TRS	Rush back in US	ZZZDJ	WSHT	USCGSN	A	EVN	377207	
00:37-00:38	TRS	US hostage rescue	ZZZDJ	WSHT	USCGSN	A	EVN	377213	
00:38-00:41	TRS	Rube machine content	ZZZDJ	WSHT	USCGSN		EVN	377212	
00:40-00:44	TRS	Mortensens celaha	GBRTV	LNDN	GBRTV	A	EVN	377205	
00:44-00:48	TRS	Euros clashes	GBRTV	LNDN	GBRTV		EVN	377214	
00:49-00:50	TRS	China trash war	GBAPTH	LNDN	GBAPTH		EVN	377216	

Eurovision Xtranet

PNN NEWS/ACTUALITES SPORTS FUTURES MESSAGES MCR/CNCT SUPPORT SUPER POP

Status: VDCP: Off, Playlist: Unlocked

Playlist Control: Start/Stop playback, Black between items (ss) 3, VTR Control, Start TC at 00:00:00

Messages: 10:24:22 User is playing "Ship owner presser" (404A201), 16:25:41 Playlist finished, 13:03:33 Playlist started, 13:03:34 User is playing "Chemical weapons" (403A1925), 13:07:52 User was playing "Chemical weapons" (403A192), 13:07:52 Playlist finished

Log out Edit playlist FTP Push

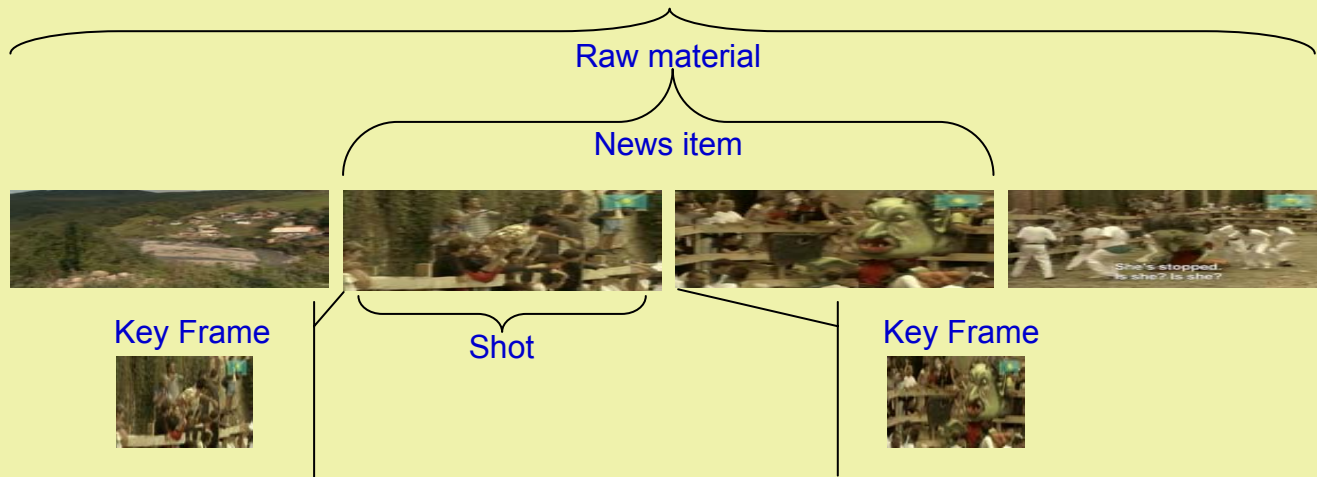
07-APR-2008 [Show All](#) Timings in red are not confirmed.

Start-End	Status	Slug	Origin	City	Source	Rota	Type	Video	High Res Playlist	FTP Push	Last Push
14:00-14:01	TRS	Princess bullying	DKDR	KOBN	DKDR		ERNN		<input type="checkbox"/>		
13:44-13:46	TRS	Horn free traffic	ZZZBU	GNVE	INDDI		EVN		<input type="checkbox"/>		
13:41-13:43	TRS	Poland Steinmeier	PLTVP	WARO	PLTVP		EVN		<input type="checkbox"/>		
13:37-13:39	TRS	Italy arrests	ITRAI	ROMA	ITRAI		EVN		<input type="checkbox"/>		
13:34-13:36	TRS	Gryzlov presser	ZZZBU	MSKO	GERB		EVN		<input type="checkbox"/>		
13:31-13:32	TRS	Paris more scuffles	GBRTV	LNDN	GBRTV		EVN		<input type="checkbox"/>		
13:27-13:30	TRS	Paris torch scuffles	GBAPTH	LNDN	GBAPTH		EVN		<input type="checkbox"/>		
13:25-13:27	TRS	Mideast Olmert Abbas	GBAPTH	LNDN	GBAPTH	R	EVN		<input type="checkbox"/>		
13:23-13:24	TRS	Syria Lebanon	ZZASBU	ALGR	SYORT		EVN		<input type="checkbox"/>		
13:21-13:22	TRS	FR Paris arrests	FRFT2	PARS	FRFT2		EVN		<input type="checkbox"/>		
13:17-13:20	TRS	France snow	FRFT1	PARS	FRFT1		EVN		<input type="checkbox"/>		
13:16-13:16	TRS	PT Madeleine police	PIRTP	LIBS	PIRTP		EVN		<input type="checkbox"/>		
13:15-13:16	TRS	Vieira da Silva	PIRTP	LIBS	PIRTP		EVN		<input type="checkbox"/>		
12:37-12:39	TRS	Morocco Spain	ESTVE	MDRD	ESTVE		ERNM		<input type="checkbox"/>		
12:24-12:25	TRS	Jth COPEAM conf	DZENTV	ALGR	DZENTV		ERNM		<input type="checkbox"/>		
12:21-12:23	TRS	Interactive Exhib	PIRTP	LIBS	PIRTP		ERNM		<input type="checkbox"/>		
12:02-12:04	TRS	Sick kid in Gaza	DZENTV	ALGR	DZENTV		YNE		<input type="checkbox"/>		
12:00-12:01	TRS	House on roundabout	NLNOS	HILV	NLNOS		YNE		<input type="checkbox"/>		
11:57-11:58	TRS	FR flame bus	FRFT1	PARS	FRFT1		EVF		<input type="checkbox"/>		

superPOP

What is a news item?

News ITEM: an administrative entity created at booking or ingest (metadata) and linked to content



EUROVISION News Exchanges



Texas polygamy wrap 03:30-03:33 GMT 07-APR-2008 EVN

Date Shot: 06-APR-2008
Location: ELDORADO **Province/State:** TEXAS
Country: UNITED STATES OF AMERICA
Sound: NATURAL **Language:** ENGLISH

Source: USCSBN /GBAPTN /GBRTV
Restrictions:

	3:32:01
	3:32:15
	3:32:16

Dopesheet: In remote West Texas Sunday (4/6), law enforcement agents searched for a 16-year-old girl who says she had a baby with a 50-year-old man inside a polygamist compound.

On Thursday night (4/3/08), Texas authorities raided the compound in Eldorado, Texas, armed with a search warrant after child protective services say the teen called authorities saying that she was at risk.

The compound is a 17-hundred-acre property built on an exotic game ranch and is home to hundreds of people. The XYZ Ranch is part of The Fundamentalist Church of Jesus Christ of Latter Day Saints and was built by polygamist leader Warren Jeffs.

Early this morning, a bus filled with women headed to the civic center south of town to talk with authorities. Since Thursday night, 159 children and 60 adults have been removed by Texas caseworkers with Child Protective Services. This group will be housed at a shelter in San Angelo, Texas, where both their medical and therapeutic needs will be considered.

Under Texas law, girls younger than 16 cannot marry, even if they have parental approval. The search warrant authorized seizure of computers, DVD's and CD's. Also, authorities are looking for any marriage records or other evidence to link the teen with 50-year-old Dale Barlow.

Barlow has denied the charges that he is the father of the now eight-month-old baby.

Shotlist: Marleigh Meisner (pronounced: MAR-lay), Texas Child Protective Services

SOT-MEISNER "Obviously, this has been a tense situation for all involved. The members of that community, as well as that staff and law enforcement. We are working jointly; we are trying to be as kind and understanding as we can possibly be and they seem to be respectful of that. We're working jointly and as you know, human emotions can be a strange thing and that can change at any time."

(Reporter question off-cam: "Are Texas officials concerned that the genesis of this thing may be in question?")

SOT-MEISNER "We're obviously concerned any time we have a victim and we can't find that victim. This case is no different. I can tell you that names change and you remember that we didn't walk in the door and have a face-to-face contact with the person who called us. This is a telephone call with limited information and a name that may or may not exist that may or may not be accurate at this time.

(Reporter question off-cam: "Are you confident now that this girl actually exists and that the story she told is true, or is there some question in your mind?")

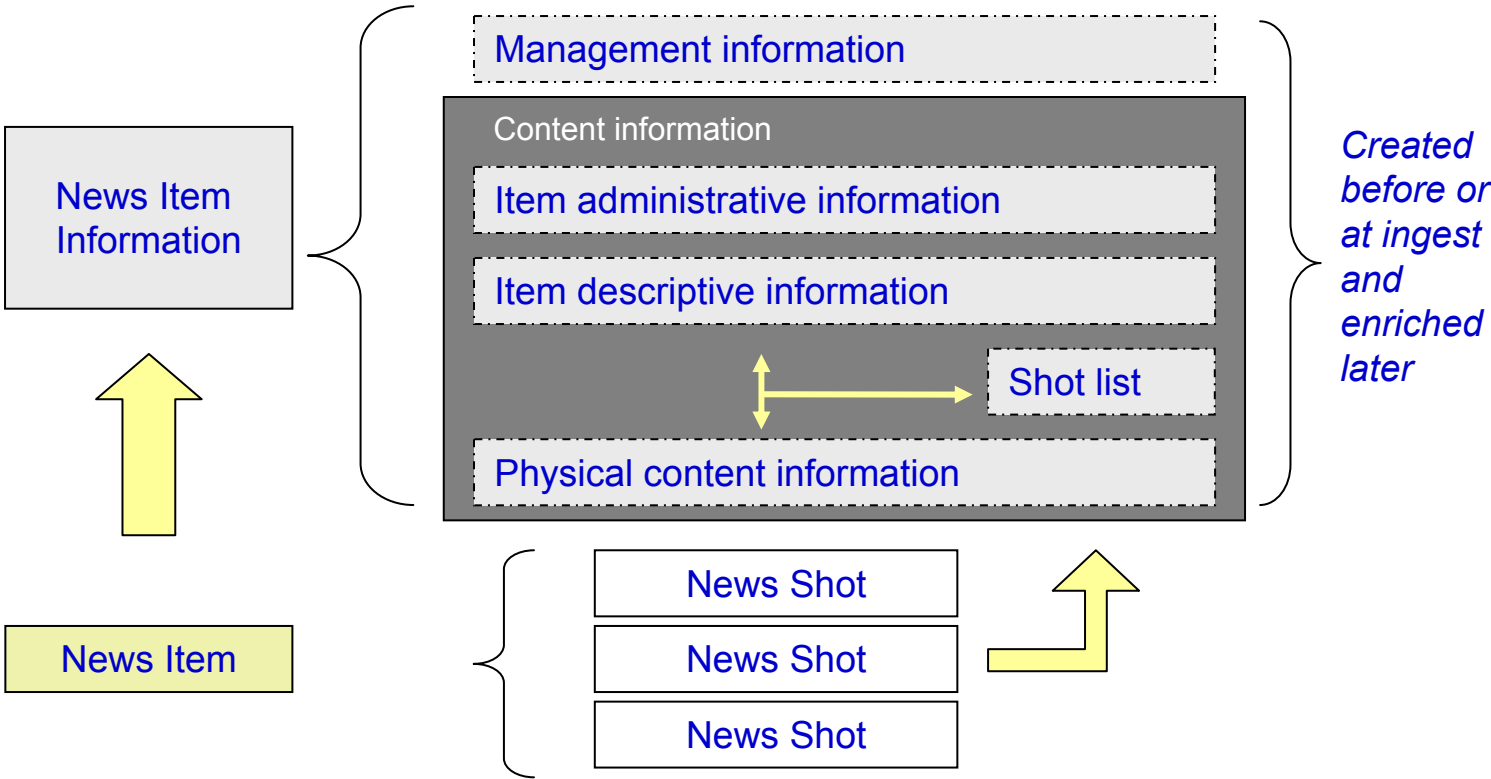
SOT-MEISNER "I am confident that this girl does indeed exist and I am confident that the allegations that she brought forth are accurate, but that's why we have an investigation. We have 30 days to conduct an investigation; we don't do that in a matter of hours. The next 30 days we'll try to answer that."

DOPESHEET

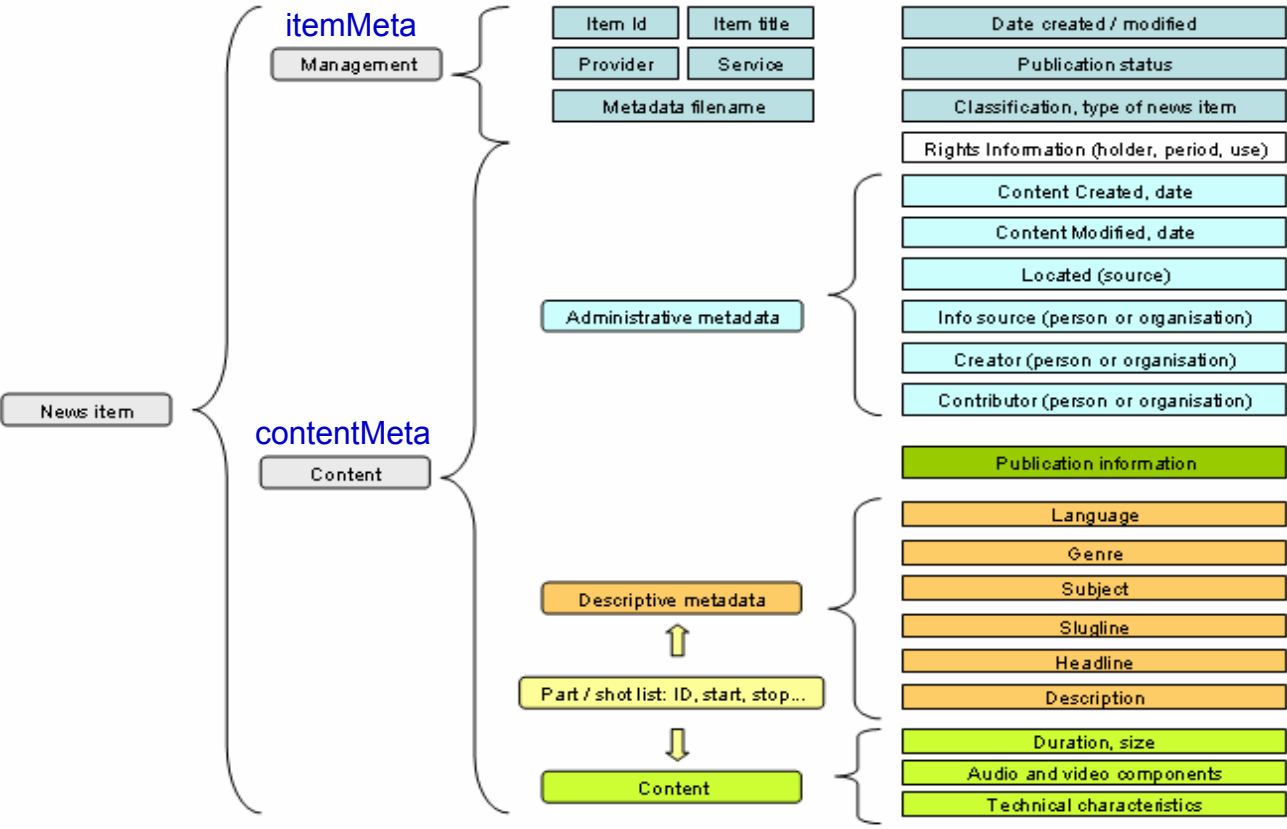
+

SHOTLIST

NewsML-G2 Metadata: a manageable set (1)



NewsML-G2 Metadata: a manageable set (2)



EBU current dopesheet (DTD)

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category><recording>613A0858</recording><TMP_old_txmtyp_code>EVNY</TMP_old_txmtyp_code><dt_start>13-JUN-2007 09:30:00</dt_start>

</HEAD>

<RESTRICTION>
Streets of Gaza shot by APTN
</RESTRICTION>

<DOPESHEET>
The escalating violence between rival Palestinian factions is doing more harm than the Israeli occupation, the Palestinian Hamas minister of justice and
professor of law Ali al-Sartawi said in an interview with SVT. Ali al-Sartawi said he is very pessimistic about the Palestinian internal situation.
...

</DOPESHEET>

<SHOTLIST>
Palestinian minister of justice mr Ali al-Sartawi and reporter, Minister, exterior of ministry in Ramallah, minister, people on the streets of damaged Gaza,
minister, streets of Gaza.
...

</SHOTLIST>

<STRUCT_SHOTLIST>
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EBU NewsML-G2 dopesheet Management / Rights /itemMeta

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@conformance	power																										
@xml:lang	en																										
catalogRef																											
catalog																											
rightsInfo	usageTerms																										

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EBU NewsML-G2 dopesheet contentMeta

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located	name (4 rows)	@role	#text	
		1 EBUNMSDatelineCode:city	MAYRHOFEN	
		2 EBUNMSDatelineCode:province	TIROL	
		3 EBUNMSDatelineCode:cnt_code_dateline	AT	
		4 EBUNMSDatelineCode:country	AUSTRIA	
creator	@qcode	EBUNMSSRVCodeSource:ATORF		
	name	Oesterreichischer Rundfunk		
	organisationDetails	location	name	WIEN
contributor	@qcode	EBUNMSSRVCodeOrigin:ATORF		
	@role	EBURoleCode:journalist		
	name	Oesterreichischer Rundfunk		
alltid				
language	@tag	en-en		
	@role	EBULanguageUsageCode:SoundType		
	name	Natural		
subject	@qcode	EBUNMSCategoryCode:REGION		
headline	a	Belgian snowboarder		
located	name (4 rows)	@role	#text	
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		2 EBUNMSDatelineCode:province	VIRG	
		3 EBUNMSDatelineCode:cnt_code_dateline	US	
		4 EBUNMSDatelineCode:country	UNIT	
creator	@qcode	EBUNMSSRVCodeSource:USPOOL		
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	organisationDetails	location	name	WSHT
contributor	@qcode	EBUNMSSRVCodeOrigin:ZZEBU		
	@role	EBURoleCode:journalist		
	name	European Broadcasting Union/Union Européenne de Ra		
alltid				
language	@tag	@role	name	
	1 en-en	EBULanguageUsageCode:SoundType	Natural	
	2 en-en	EBULanguageUsageCode:PartNarrated	English	
genre	@qcode	EBUNMSClassCode:MAINSTORY		
	name	MAIN STORY		
subject	@qcode			
	1 EBUNMSCategoryCode:EXCH			
	2 EBUNMSWebcatCode:AMERICAS			
headline	a	US Bush Iraq		
description	(2 rows)			
ebu:dt_log_start		19-MAR-2008T14:42:26Z		
ebu:dt_log_end		19-MAR-2008T14:44:28Z		

contentMeta		contentCreated	2008-03-19T00:00:00Z	
located				
creator				
contributor				
alltid				
language				
subject				
headline				
description	(2 rows)	@role	#text	br #text br
	1 EBUNMSDescription:dopesheet		Two holidaymakers from Belgium were killed during a snowboard outing in Austria's Ziller valley on Tuesday. The group of three snowboarders, aged between 29 and 31, attempted to go down an unmarked slope when they realized the steep, rocky terrain was too difficult to navigate and decided to walk down into the valley.	Two of the men slipped and fell about 150 metres, the third abandoned the climb. His calls for help were noticed by a local man, who informed rescue services. While the 30-year-old snowboarder was rescued, only the bodies of the two other members of the group could be recovered by rescue services
	2 EBUNMSDescription:shotlist		-Interview (English)with 1 belgian snowboarder. Mathias von Kerckhoven from Olen who survived the accident.The interview was shot in cafe in Mayrhofen today	
ebu:dt_log_start		19-MAR-2008T15:47:07Z		
ebu:dt_log_end		19-MAR-2008T15:50:10Z		

EBU NewsML-G2 dopesheet partMeta and content

partMeta: a key contribution from EBU to address shot lists

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	2	Part2_ID 2	<input checked="" type="checkbox"/> icon	<input checked="" type="checkbox"/> timeDelim	<input checked="" type="checkbox"/> language	<input checked="" type="checkbox"/> description
	3	Part3_ID 3	<input checked="" type="checkbox"/> icon	<input checked="" type="checkbox"/> timeDelim	<input checked="" type="checkbox"/> language	<input checked="" type="checkbox"/> description
	4	Part4_ID 4	<input checked="" type="checkbox"/> icon	<input checked="" type="checkbox"/> timeDelim	<input checked="" type="checkbox"/> language	<input checked="" type="checkbox"/> description
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	6	Part6_ID 6	<input checked="" type="checkbox"/> icon	<input checked="" type="checkbox"/> timeDelim	<input checked="" type="checkbox"/> language	<input checked="" type="checkbox"/> description
	7	Part7_ID 7	<input checked="" type="checkbox"/> icon	<input checked="" type="checkbox"/> timeDelim	<input checked="" type="checkbox"/> language	<input checked="" type="checkbox"/> description

contentSet: the link to and the description of a content rendition and its components (e.g. video and audio channels)

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		<input type="checkbox"/> @id	_319A1438
		<input checked="" type="checkbox"/> channel	@duration 109

Implementation

End of Phase 1

Profiling and testing

- EBU Beta Test Group: BBC, HRT, RAI, TVP, VRT, EBU EVN
 - Education, profiling at instance level, examples, collect feedback and propose modifications to IPTC
- EBU has easily mapped all its dopesheet metadata into NewsML-G2
- Generated Daily from our SQL Oracle database
- A couple of minor issues to be solved at the specification level: aiming at version 2.1
 - regular feedback from implementer in the NewsML community
 - e.g. allow to define a language per audio channel
- Ready for operational distribution as soon as version 2.1 is released

Implementation Phase 2 Towards operation

- Conduct interoperability tests with news agencies
 - Starting with Reuters and AFP who plan to deliver newsML-G2 metadata with video feeds
 - Waiting for AP...
- Turn the EBU beta test group into an operational user group with members' correspondents (POP and SuperPOP users)
- Operate with newsML-G2 in 2009!

Thank-you !

For more information:

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www.iptc.org