



# EBU TECHNICAL

## Metadata Hands-On Workshop

Organised by ECM's Metadata Developer Network

EBU Geneva, 15<sup>th</sup> June 2011

### PROGRAMME

9.00 – 11:00	<b>Metadata Automatic Extraction, AVDP and mpeg7</b>  <i>Information Retrieval and Mining and Automated Metadata generation and representation</i> <i>Exercise on how to create a SOLR/Lucene index from automatically extracted or archive metadata</i>	<b>Alberto Messina &amp; Maurizio Montagnuolo, RAI</b>
	<i>Introduction to MPEG-7 and AVDP</i> <i>Metadata output of content analysis tools in XML and XSLT transformation to MPEG-7 AVDP</i> <i>Validation of AVDP documents with the JRS VAMP service</i> <i>Accessing and manipulating documents in applications using the open source MPEG-7 library</i>  Level: beginner  Preparation: Participants can bring their own document repository to see the demonstrated technology work on a real case of their interest. Ideally this repository should be a plain text or XML bunch of files	<b>Werner Bailer, JRS</b>
11:00 – 11:15	<b>Coffee break</b>	
11:15 – 12:15	<b>Portable Listings</b>  <i>Sample data and example use-case how to use the format and API to build a simple television programmes support Web site</i>  Level: beginner	<b>Alberto Reggiori, Derrick Media</b>
12:15 – 13:00	<b>Introduction to Semantic Web, RDF modelling and editing tools</b>  <i>Main principles of ontology modelling</i> <i>Hands-on introduction to ontology editing using Protégé (University of Stanford)</i>  Level: beginner to confirmed  Preparation: download and install Protégé 4.1 Beta from <a href="http://protege.stanford.edu/download/registered.html">http://protege.stanford.edu/download/registered.html</a> (strongly recommended to save time).	<b>Jean-Pierre Evain, EBU</b>

<b>13:00 – 14:00</b>	<b>Lunch</b>	
<b>14:00 – 15:30</b>	<b>Linked data</b>  <i>Use case on the use of Semantic Web in real business</i> <i>Hands-on demonstration on the use the of Semantic Web and the Linked Open Data Cloud (LOD) in your organization and what the advantage thereof is</i> <i>Starting from a list of (thesaurus) terms or keywords (e.g., as used by your archive department), step-by-step creation of tools that allow you to link these terms to DBPedia/Wikipedia, Geonames and other LOD systems.</i> <i>Illustration how to extract the information from these semantic web sources and use them in a search system to enable multilingual search, visual search summaries and intelligent query suggestions.</i>  Level: beginner to confirmed	<b>Robbie De Sutter &amp; Karel Braeckman, VRT Medialab</b>
<b>15:30 – 15:45</b>	<b>Coffee break</b>	
<b>15:45 – 16:45</b>	<b>Semantic data (tutorial)</b>  <i>Workflow for automatic generation of semantic metadata, metadata annotation &amp; enrichment and browsing based on semantic metadata:</i>  <ul style="list-style-type: none"> <li>- <i>Parallel metadata processing (system architecture, possible frameworks, interfaces)</i></li> <li>- <i>production repository (database types, internal metadata models, interfaces)</i></li> <li>- <i>applications for metadata representation and annotation</i></li> </ul> Level: beginner	<b>Frank Gläser, Technicolor</b>
<b>16:45-17:30</b>	<b>MXF Uses cases and system interaction</b>  <i>Use cases based on application prototypes for documentary and drama production</i>  <ul style="list-style-type: none"> <li>- <i>acquisition of raw material (today typically automated through MOG, Amberfin, OpenCube, Glookast,...)</i></li> <li>- <i>the logging process and subsequent insertion of metadata</i></li> <li>- <i>searching the archive based on timecode-based indexing of embedded metadata</i></li> </ul> Level: beginner	<b>Dieter Van Rijsselbergen</b>
<b>17:30 - 18:00</b>	<b>Wrap-up</b>	<b>Tormod Vaervagen</b>