TV-Anytime Metadata Editing & Visualization Tool

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Overview

Purpose of this tool

- To create and edit metadata compliant with the metadata specification of the TV Anytime Forum
- To visualize the structural and semantic aspects of metadata effectively
  - By incorporating XML and media handling technology
- To support various kinds of inter-operations between metadata and related program
  - Providing convenient environments to users
Functions & Features

- Based on the normative specification of TV Anytime Forum metadata
- Visualization of XML-based metadata structure and contents
  - Contents visualization and editing of various forms (text, spreadsheet, HTML forms) of XML metadata
  - Hybrid visualization of XML/XML Schema structure
- Inter-operation between metadata and media process modules
  - By segment locations in time line
- Access to media and continuous play of discontinuous intervals
  - Basic VCR functions including random access, play, fast-forward and reverse play
  - Continuous play of highlights (segments)
- Exporting/importing to/from the MPEG-7 compliant metadata (to be supported)
- User-oriented editing - WYSIWYG (What you see is what you get) - environments
Structural view of the tool

- Metadata Structure
- Semantic details
- Keyframes
- Segment locations
- Content of the selected element
- Attributes of the selected element
- Media play control
Visualizational view of the tool

Metadata visualization (eg. ToC)
Applications

- Generating and editing tool of metadata related to broadcasting program
  - To provide search and browsing based on ECG
- Contents browser based on description
- Broadcasting contents archiving system of huge volume
Demonstration

- TV-Anytime Metadata Editing & Visualization Tool

Thank you for listening