Content production and use in Museums using RFID-based interfaces

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The context

- A demonstration scenario in CH based on AXMEDIS framework and tools

- Usage of satellite broadcast & peer to peer content delivery/updating
The context

- Filtered access to museum repositories

The context

- Balanced information push / pull triggered by interaction
The context

- Adoption of a distributed production scenario for semi-automated, template-based content production

The context

- Test-bed in the instruments museum of the Accademia Nazionale di Santa Cecilia
- Usage of PCs and PDAs
Addressed issues

- Different content providers
- Inhomogeneous sources
- Several delivery media
  - PC
  - PDA
  - Mobile
- Ease of use and access

Addressed issues

- Multi-language content
- Template based content
- Template based navigation
Proposed solution

- Combine potentialities provided by two R&D projects results:
  - AXMEDIS
    - Content production **automation**
    - Content protection
    - Content distribution
  - WEBKIT
    - Tangible user interface
The proposed work method

• A content owner keeps on looking for innovation
• Content templating and presenting is a service offered by communication specialists
• Content processing is a service offered by media management specialists

The proposed business model

• Services are offered on a combination of:
  – Annual fee (basic services, including samples production)
  – Per item/service fee (based on a price listing combined with a case-by-case negotiation)
• Internal production relies on services for:
  – Templating and
  – Innovative sample models production
Conclusions

• What presented represents the current stage of development of one of the demonstrators of AXMEDIS as implemented
• Many issues have been solved and early demonstrators have been set-up
• Perspectives are extremely positive

Foreseen results

• A joint efforts to enable scale economy savings
• Advantages coming from diverse skills/know-how exchanges enabling better access to CH content
• Technology and valuable skills/know-how are high added value services
• This approach proves almost all of the novelty introduced in a single scenario
Challenges

- Find a common method for content classification and management
- Adapt two different content styles to a common application and audience
- Organize and set-up the environment
- Find a common distributed operation mode

Next steps & future work

- Complete set-up
  - Operation equipment acquisition
  - Environment set-up
  - Definition of the content development roadmap on the basis of Santa Cecilia programme
  - Definition of content formats and templates
Next steps & future work

- Enter operative phase
  - Content production and protection
  - Content distribution and updating
  - Users/visitors management and assistance
- Report on experiment

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- AXMEDIS - [www.axmedis.org](http://www.axmedis.org) - project partners, Expert User Group and affiliated members

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Thank you for the attention!

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