

Accademia Nazionale di Santa Cecilia.




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Fondazione



# Content production and use in Museums using RFID-based interfaces

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September 10, 2007






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# The context

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

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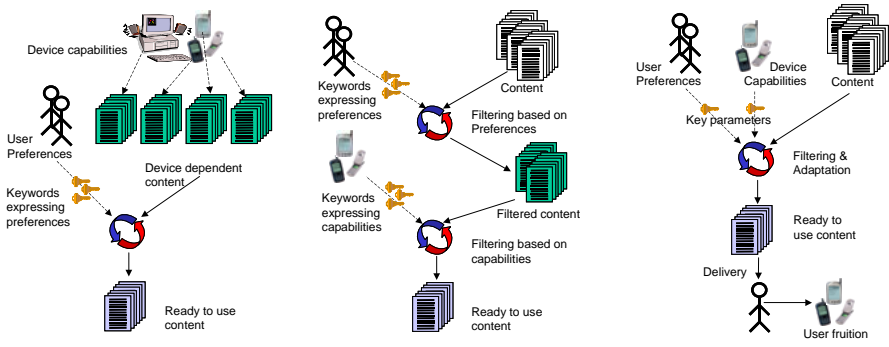
# The context


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


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# The context

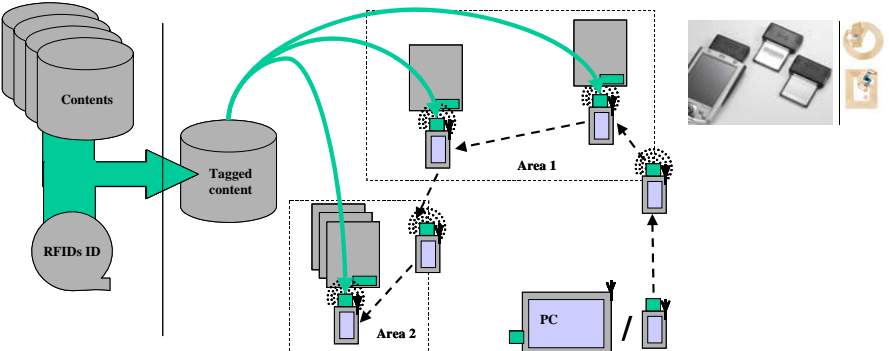
- Filtered access to museum repositories





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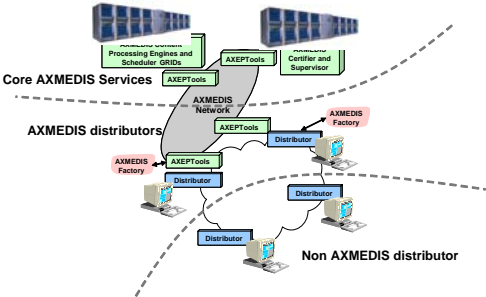
# The context




- Balanced information push / pull triggered by interaction





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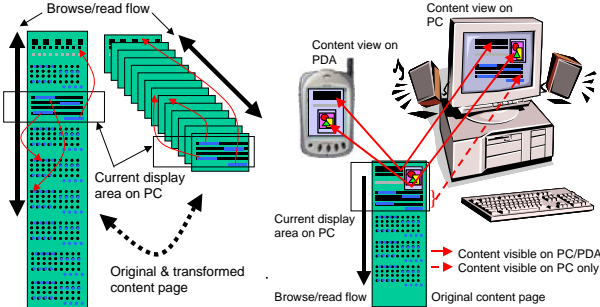
- Adoption of a distributed production scenario for semi-automated, template-based content production







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



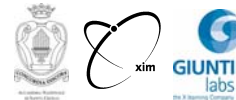




# Addressed issues

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

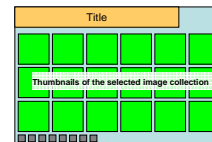
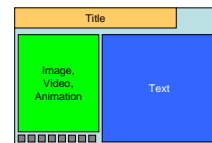
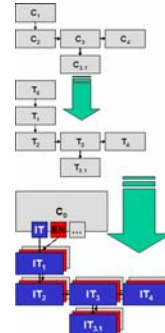
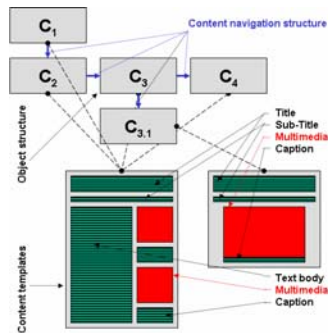


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# Addressed issues

- Multi-language content
- Template based content
- Template based navigation



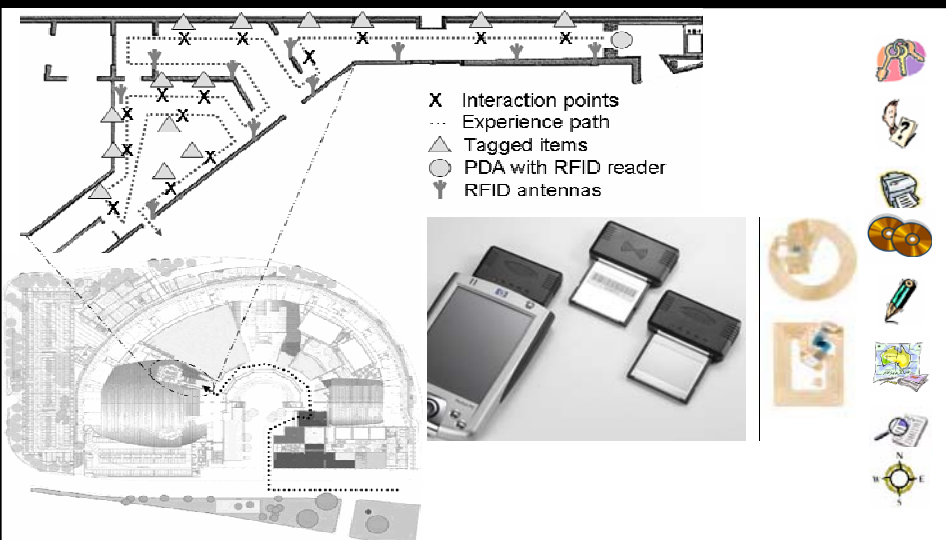
# Proposed solution

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

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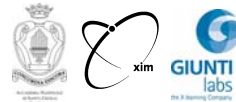
# Proposed solution



## 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

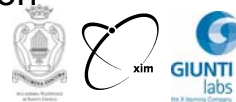
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## The proposed business model

- 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

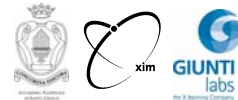
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## Conclusions

- 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

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## 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

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# 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

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# 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

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## 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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## A warm thank to...

- WEBKIT project partners
- AXMEDIS - [www.axmedis.org](http://www.axmedis.org) - project partners, Expert User Group and affiliated members
- European Commission IST DG INFSO (for the partial funding of both WEBKIT and AXMEDIS)

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# Thank you for the attention!

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