Towards the integral management of Library collections at the Technical University of Catalonia (UPC)

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Summary

- Introduction
- New roles for the library
- Document archives at UPC libraries
- Topics to consider
- Integration model
- Conclusions
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Introduction
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New roles for the library

Library

- Access
- Preservation

Publication
- Production

CRAI
(Research and Learning Resources Centre)
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Document Archives at UPC libraries

In development: Final Theses (PFC/TFC) i Research archive
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Topics to consider

- Each archive is developed in its own way
- Digital Library is integrated with other information technology systems at the university
- Databases have a single, common basic structure to unify metadata to guarantee coherence
- Authority control
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Integration model (I)

Our goal: Giving global access to all digital resources

- Different data management systems,
- Different archives and data types

**BUT**

- One single data retrieval systems
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Integration model (II)

Considered options:

**Z39.50:**
Increase in difficulty of implementation and cost.

**OAI-PMH:**
Easy-to-implement and easy-to-deploy alternative.
Many projects implemented, with success
Good future perspectives
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Integration model (III)

Metadata definition

Granularity definition

Web pages metadata extraction

Internal and external OAI-PMH servers

A single Metadata archive

Retrieval system implementation
Conclusions

Standards, Metadata, Open Access,

Their use and evolution will facilitate the integration of resources in order to build real Digital Libraries, and to preserve and disseminate scientific and scholarly information through university libraries.
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THANKS !!

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