Renewing the Library System Environment in Finland – what we have and what we need

LIBER Annual Conference workshop - Next Generation Library Systems in Europe

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National level solution

- All university libraries and university of applied sciences libraries have expressed their interest in tendering the next-generation back end-system together
- National Library of Finland (NLF) will lead the preparations of the tendering process
- The organisation responsible for the coordination of the tendering process and the implementation phase and the governance structure of the national project will be decided by early autumn
Critical requirements

- Well-operating and deep integration of the new solution to the existing national infrastructures (API´s)
  - Discovery layer (Finna.fi)
  - Ontology service (Finto.fi)
  - Others eg. Authentication services
- Integration of metadata flows of an Aleph based union catalogue to the new system in an intelligent way
  - UC used also by public libraries -> integration to several ILS`s needed
- Consortia features
- Management of e-resources
- Technical and semantic interoperability
- Support to the standards described in the enterprise architecture (EA) standard portfolio of NLF
- Roadmap towards linked open data
New conceptual model for metadata production

- RDA has been implemented to most library systems in Finland and the process continues
- Record-based description -> distributed production (work, expression, manifestation, item)
- National bibliography, authority, subject authority data files form data registries
- Registries should be integrated to metadata management processes
Metadata flows

End user

FINNA

LIBRARY MANAGEMENT SYSTEMS

OTHER EXTERNAL CONTENT PRODUCERS

MELINDA

FINTO

BIBLIOGRAPHIC METADATA

HOLDINGS

BIBLIOGRAPHIC METADATA

AUTHORITIES

BIBLIOGRAPHIC METADATA

Cataloguer

HOLDINGS

AUTHORITIES
Aim - Linked Open Data

- Public administration recommendation for metadata CC0 or CC BY 4.0
- Aim: 5 star linked open data with an open license (CC0) and open distribution format (RDF)

- In addition open Z39.50, SRU, REST-based access
National infrastructure for metadata production- vision

- FINTO: Vocabularies, Ontologies, Classifications
- URN and ISNI Services: Identifiers
- Authority Service: Persons, Families, Organisations

Metadata Expertise:
- Processes
- Coordination
- Consulting
- Curation

Linked, interoperable, and reusable metadata

Libraries, Memory organisations, Public Administration, Commercial and international agents

THE NATIONAL LIBRARY OF FINLAND
Thank you!

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