

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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THE NATIONAL LIBRARY OF FINLAND



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

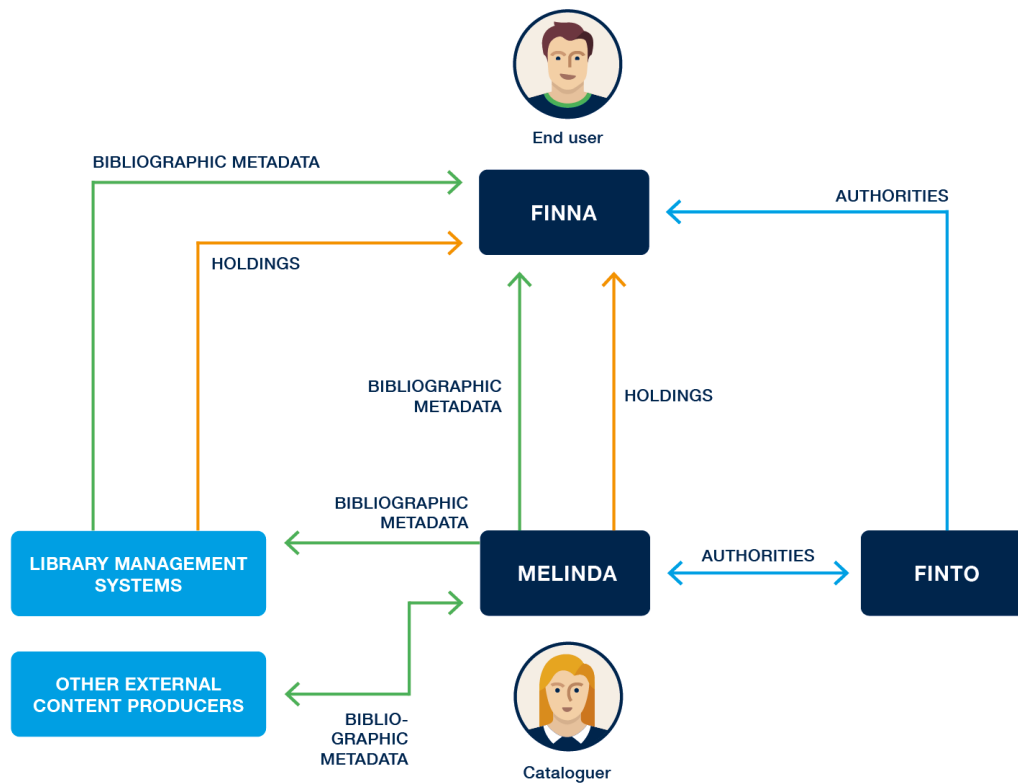
Critical requirements

- Well-operating and deep integration of the new solution to the existing national infrastructures (API's)
 - Discovery layer ([Finna.fi](https://finna.fi))
 - Ontology service ([Finto.fi](https://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

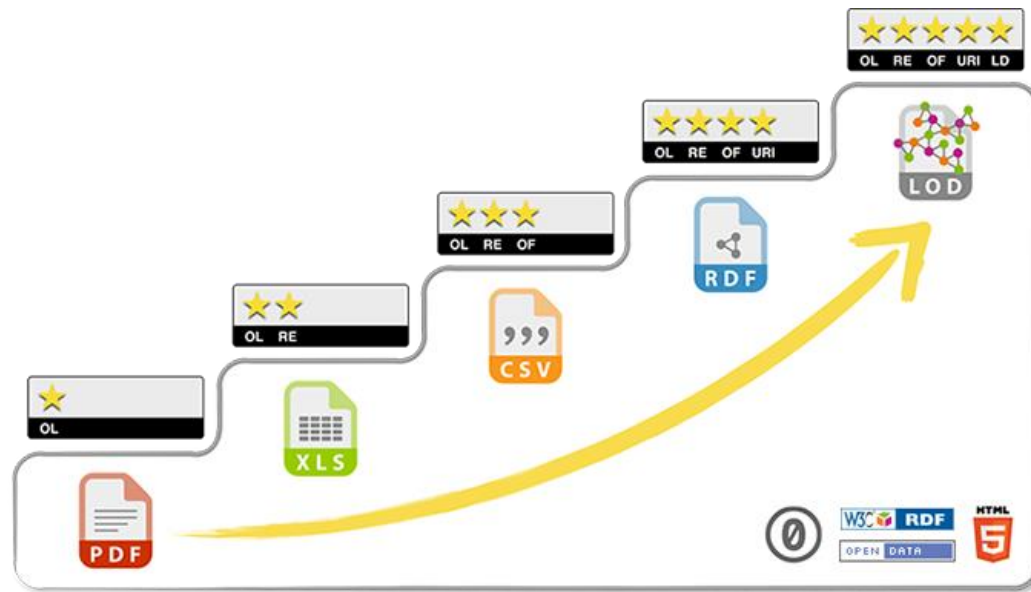
- RDA has been implemented to most library systems in Finland and the process continues
- Record-based description -> distributed production (work, expression, manifestation, item)
- National bibliography, authority, subject authority data files form data registries
- Registries should be integrated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

Metadata flows



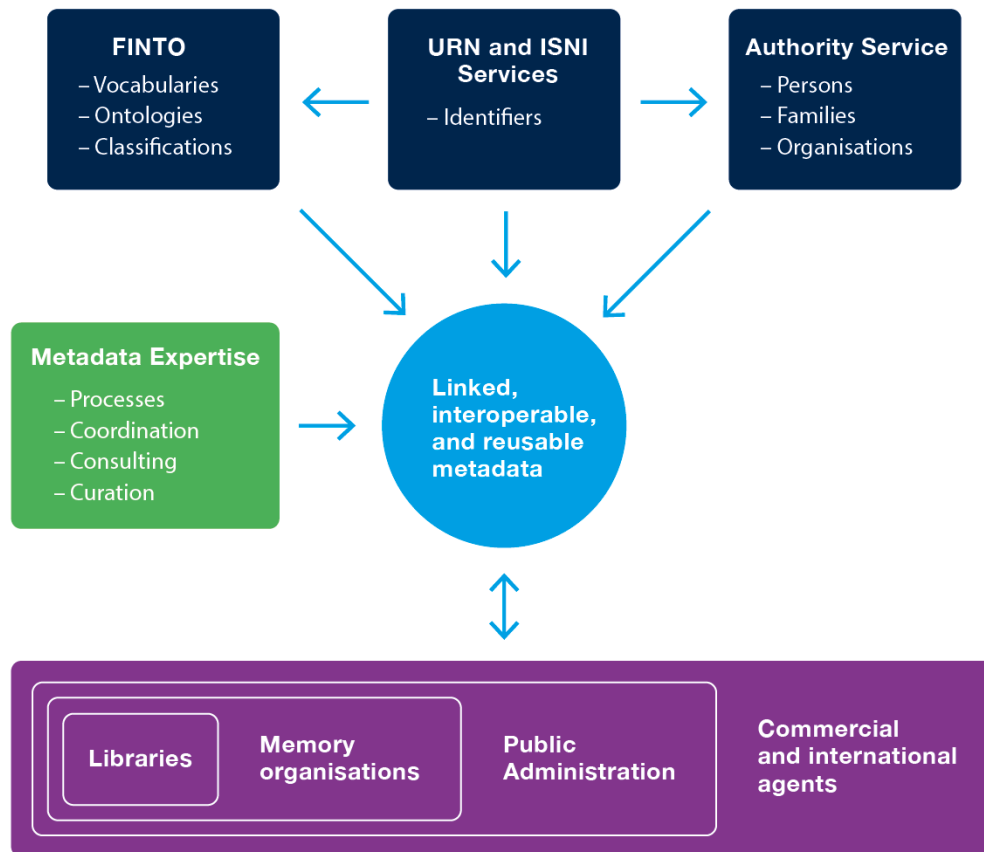
Aim - Linked Open Data

- 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



Thank you!

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