# Recent developments in Finland – Open Science, IT infrastructures

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Liber, president

Cream

# Open Science and Research – policy level

- National policy to promote openness
  - Government programme
  - Act on Information Management Governance in Public Administration
  - Public Administration Recommendations
  - Open Science and Research initiative : http://openscience.fi/
  - Open Finland initiative
  - IT infrastructure development
  - Recommendations
    - Ministries
    - Research funding agencies
    - Institutions
    - Public sector IT

# Development of new services - reasons for change in Finland

- National policy to promote openness
- Economic crisis
- Cross sector cooperation
  - Archives, libraries, museums, galleries (GLAM)
- IT solutions are outdated
  - Voyager, Aleph, MetaLib, local solutions
  - Various methods for handling e-resources
  - Institutional repositories are separate from discovery systems
  - Need to integrate various services with each other
- The needs of users and organisations

# Ministry of Education and Culture

- Steering higher education institutions, archives, museums, public libraries
- Main initiatives
  - Open Science and Research
  - National Digital Library, NDL
    - Discovery system, Finna
    - Long term preservation system
- Legislation eg.
  - Copyright
  - Database protection
  - Privacy

# NLF - recent priorities

- Open source development
  - Finna.fi (discovery/NDL)
  - Finto.fi (ontology /public sector)
  - Institutional repository infrastructure
  - Web harvesting
- Metadata development to support Linked Open Data and Open Science and Research initiative
  - Opening metadata repositories stepwise
- Enterprise architecture
- Project management

# Services for the Finnish Libraries by NLF

## National Library

National Library Network Services

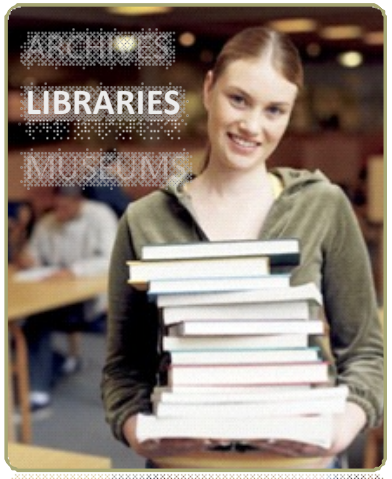
- Administration and financing
- Communication
- Training
- Research library statistics
- Service and customer surveys

*Licensing of e-content*

*National Digital Library*

*Library systems services and databases*

*Institutional repositories*



# Steering of centralised services in nutshell

- Memorandum of Understanding
- Service contracts: Member – NLF
  - NLF signs related contracts (e.g. license agreements, hardware & software agreements) on behalf of the members
  - SLA to be added to the contracts as attachments
- Steering groups
  - Library sectors represented
  - Ministry of Education and Culture represented
  - Rules outlined
- Groups of specialists
- Ad hoc groups

# Main projects

- National Digital Library (NDL) Public interface; Finna 2008-
  - Finna.fi
  - Libraries, archives, museums, galleries
  - In production 2012, new organisations will join
- National Metadata Repository, Melinda 2008-
  - University and polytechnic libraries, public libraries, some special libraries
  - In production 2008, new organisations will join
- National Ontology Project, Finto 2013-
  - Finto.fi
- New: a subproject of Open Science and Research 2015-2017

# Working method

Kansallinen
digitaalinen
kirjasto
Yhdessä
enemmän!
FINNA

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# Questions?

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