The National Digital Library *Finna*
Among Digital Research Infrastructures in Finland

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Shared Services and Digital Research Infrastructure Development
National Library of Finland as Service Centre

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
Digital library infrastructure development – what

- Acquisition of electronic publications
  - Mainly libraries, some archives and other organizations
  - Feasible business model for eBooks
- National Digital Library public interface, Finna
  - Libraries, archives, museums
- National bibliographic metadata repository (i.e. union catalogue), Melinda
  - University and polytechnic libraries, public libraries, some special libraries
- New generation library system
  - University and polytechnic libraries, public libraries, some special libraries
- Maintenance of national ontology server, ONKI
Digital library infrastructure development – why

- Economic efficiency
  - Savings in planning, implementation, and maintenance
- Improved division of labour
- Increased know-how and shared expertise
- Improved services for the end-user
Key factors behind success

- Central **funding** for infrastructure services
- Organised **governance structures**
- **Tradition of collaboration** especially in library domain
- **Open** development of centralised services
- Organisations and their customers **involved** in development of centralised services
National Digital Library, Finna
National Digital Library of Finland

- Funding: Finnish Ministry of Education and Culture
- Objectives
  - a **common user interface** for the resources of libraries, archives and museums
  - **digitisation** of the most essential cultural heritage collections
  - development of a **long-term preservation** solution for electronic cultural heritage resources
  - increasing competence
  - National Digital Library as an aggregator for the European Digital Library **Europeana**
Finna – The Public Interface of the National Digital Library of Finland

- National infrastructure for ALM (Archives, Libraries, Museums) resource retrieval services
- Access to all Finnish ALM resources via single user interface
- One user interface, several end user views
- All foreseeable resources
The diagram illustrates the relationship between different systems and services within a national digital library network. It shows how End User requests for search are directed through the Public Interface to access Restricted or Unrestricted resources. "Europeana and other third party systems" and "External services" are connected to the Public Interface, which in turn connects to "Back end systems," comprising "Archive systems," "Library systems," "Museum systems," and "Other systems." "Digitized material" and "Born-digital material" are indicated as inputs to the "Back end systems." The "Long Term Preservation System" is also depicted as part of the network.
Status: Open Development

2008–2009  Organization and planning
2010–2011  Piloting with Ex Libris Primo
2012  New approach:
   – Open source software
   – Iterative and agile development
   – Wider and deeper co-operation with the community
2013  First organizations in production, over 50 on hold
By 2016  Mature service
Functional Architecture of the Finna Service
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