Finna in a nutshell

- The user interface of National Digital Library.
- One of the key infrastructures for culture and research.

- National web service for Finnish archives, libraries and museums.
- Shared service funded by the Ministry of Education and Culture.
## Two sides of Finna

<table>
<thead>
<tr>
<th>Finna.fi</th>
<th>Entity of Finna interfaces</th>
</tr>
</thead>
<tbody>
<tr>
<td>• A service <strong>combining</strong> the materials of archives, libraries and museums.</td>
<td>• Platform as service: Finna offers tools to build and maintain library’s, archive’s or museum’s own user interface.</td>
</tr>
<tr>
<td>• &quot;<strong>National view</strong> of Finna”</td>
<td>• Entity of <strong>local Finna views</strong>.</td>
</tr>
</tbody>
</table>


Finna.fi – a national view

- +13 million descriptive metadata entries.
- +1,6 million records available online.
- Material provided by +200 libraries, archives and museums.
Finna.fi – discovery and delivery

- **Discovery**
  - Single search combines the materials of various libraries, archives and museums. Advanced search for targeting and narrowing the search.

- **Delivery**
  - **Library service functions**: renewing loans, reserving materials, managing your materials from several libraries.
  - **Under way**: archive and museum service functions.
Viitoma: *Leipoa - Baka*

"...Viitoma: *Leipoa - Baka. Mustavaloisessa kuvassa virtaa Fritz Him....*

Mina osoan leipoa!

**Book**

Pérez, Camilla; Földin Lisa; Dravstam, Charlie; Muurinen, Pirjo

2011

Subjects: "...loipominen..."

University of Jyväskylä - Jydkol

Pääkirjasto, Vapaakappaleet, Varasto. Ei kotilaina (Shelf: P 0235019)

Työkasvatus kotona ja päiväkodissa: "onneksi isovanhemmilla on aikaa leipoa ja tehdä ruokaa yhdessä lasten kanssa"

**Bachelor's (polytechnic)**

Pitkälä, Mariaana

2009

Centria University of Applied Sciences - Colibri

Verkkojulkaisut. Käyttö internetissä (Shelf: Elektroninen aineisto)

Centria-kirjasto Yliopiskelaitoksen opinnäytetyöt, laina-aika 14 vrk (Shelf: 38 PIT)

Available Online:

http://www.cou.fi/opinnaytetyyt/julkaisut/Pitkala_Mariaana.pdf
Finna.fi - collections of big organisations
Finna.fi - collections of small organisations
Entity of Finna interfaces

organisation .finna.fi

- +50 organisations have published their own Finna user interfaces.
- Discovery and delivery of local content.
Higher education libraries

- All Finnish higher education libraries have published own Finna user interfaces.
- Access to licensed scientific content: E-journals and E-books.
Public libraries

- Number of public libraries replacing their library interfaces with local Finna user interface is growing.
Growing service

Number of archives, libraries and museums making their materials available through Finna

- Actual
- Prediction

<table>
<thead>
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<th>Year</th>
<th>Actual</th>
<th>Prediction</th>
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<td>2022</td>
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</tbody>
</table>
Finna strategy 2016–2020

The leading channel for accessing open culture and science

Culture and information closer to everyone
Support for research
New ways to support learning
New services through partnerships
Cost-effective solutions in shared use

Openness
Intelligence
Social connections and interaction
Creation of added value
Content
How is Finna done?

Eeva Rista, Helsingin kaupunginmuseo, https://finna.fi/Record/hkm.HKMS000005:km0000nuru
Development and adoption has been fast

- 2008-2011 planning and piloting with commercial software
- 2012 Open Source development starts
- 2012 Beta
- 2013 Public release
Fast and agile

- Agile methods
- New version every 3 weeks. Fast reaction to changing needs.
Benefits of Open Source

- Doesn’t bind to a particular software vendor.
- No blocks for integration
  - Very important if there will be a lot of integration and cooperation!
- Costs: Only for the labour
- International developer community
Developing Together…

- Finna consortium & NDL - steering group
  - Far reaching decisions and strategy
- Internet forum, service desk, wiki, meetings
  - Debate on the needs of Archives, Museums and Libraries
- Development is **openly documented** in real time
... for the users

- User-centered design
Melinda for cataloguers Finna for end users

Melinda → Bibliografinen metadata → Kirjasto-järjestelmät → Saatavuustiedot → Bibliografinen metadata → Finna

Tiedonkuvailija, kirjaston työntekijä → Tiedonkäyttäjä, asiakas
Enabling re-use and new ways to use Finna data
Openness enables re-use and the innovative development of services

- Open source
- Open interface (API)
- Open metadata
- Open content

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- Api.finna.fi: Descriptive metadata of over 13 Million entries from Finna.fi.

- Open interface and open metadata enables experimentation with data… **Open content and freely accessible digital objects motivates**
Digital learning environments

- Piloting
  - Finna.fi <> API <> e-learning platforms
  - Openly reusable material
- Usability workshops
Hackathons

- Sharing, Openness, Collaboration and Engaging.
- Hands-on
- Participating in Hackathons and promoting them.
- Examples of collaboration
  - Historical Pasila – steps towards historical street view
    - Finna Street
  - Wikidocumentaries
    - Microhistory, Crowdsourcing
  - Crowdsourcing old photography: ajapaik.ee.
Examples of applications using Finna API

- **Annif.org**
  - automated subject indexing

- **Finto**, Finnish thesaurus and ontology service
Examples of applications using Finna API

- Helsinkiphotos.fi / Helsinkikuvia.fi (Built on Finna-API)
  - Helsinki City Museums image service that provides a user-friendly way to access and print the Helsinki City Museum’s photographs
Crowdsourcing + Finna (Citizen science)
Finna Street
Finna Street
Thank you!

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