



Erkki Tolonen
12.9.2017



FINNA

Finna in a nutshell



The National Digital Library

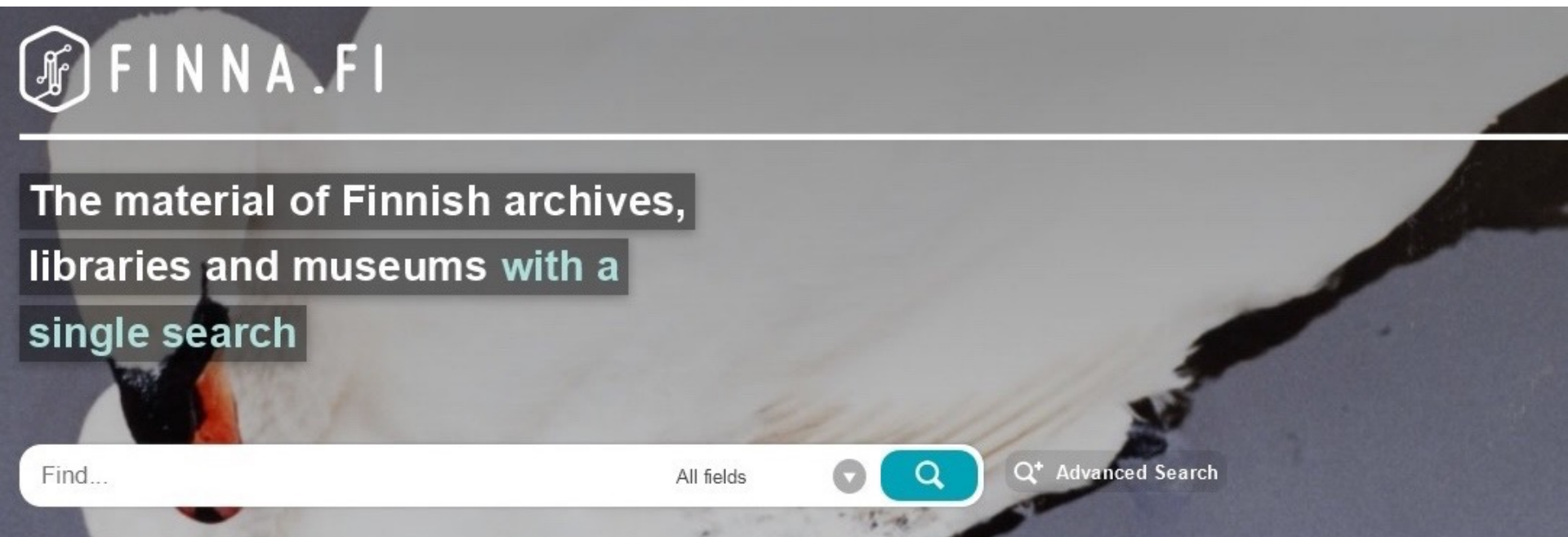
- The **user interface** of **National Digital Library**.
- One of the key infrastructures for culture and research.
- **National web service** for Finnish **archives, libraries and museums**.
- Shared service funded by the Ministry of Education and Culture.

Two sides of Finna

Finna.fi	Entity of Finna interfaces
<ul style="list-style-type: none">• A service combining the materials of archives, libraries and museums.• ”National view of Finna”	<ul style="list-style-type: none">• Platform as service: Finna offers tools to build and maintain library’s, archive’s or museum’s own user interface.• Entity of local Finna views.

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.

Narrow Search

Available online 1,193
(Images, texts etc.)

Sector

Organisation

Format

- ▶ Book material 1,993
- ▶ Image 813
- ▶ Journal/Article 637
- ▶ Sound 336
- ▶ Thesis 303
- Physical object 252
- ▶ Musical score 248
- ▶ Document 50
- ▶ Other 37
- ▶ Video 18
- ▶ Work of art 9
- ▶ Map 5
- ▶ Place 1



Viittoma: **Leipoa** - Baka

Image

Hirn, Maria
1907–1910

"...Viittoma: **Leipoa** - Baka. Mustavalkoisessa kuvassa viitto Fritz Hirn...."



Minä osaan **leipoa!**

Book

Pérez, Camilla ; Flodin Lisa ; Drevstam, Charlie ; Muurinen, Pirjo
2011

Subjects: "; "...leipominen..."

University of Jyväskylä - Jykdok

● Pääkirjasto. Vapaakappaleet. Varasto. Ei kotilainaan (Shelf: P 0235819)



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

Bachelor's (polytechnic)

Pitkälä, Marjaana
2009

Centria University of Applied Sciences - Colibri

Verkkajulkaisut. Käyttö internetissä (Shelf: Elektroninen aineisto)

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

Available Online:

▶ http://www.cou.fi/opinnaytetyot/julkaisut/Pitkala_Marjaana.pdf

Finna.fi - collections of big organisations

Narrow Search

Available online 14,936
(Images, texts etc.)

Organisation: Ateneum Art Museum ✕

Sector ▾

Organisation ▲

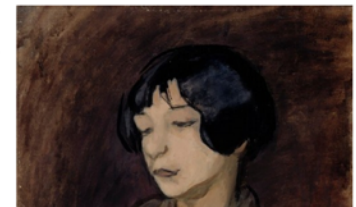
Organisation...

- ▶ Aalto University 184,561
- ▶ Albita auki 1,018
- ▶ Aralis-taidekirjastot 11,666
- ▶ Arcada library 21,605
- ▶ Ateneum Art Museum ✓
- ▶ Centria-kirjasto 40,384



Venevanhus

Gallen-Kallela, Akseli
1924



Finna.fi - collections of small organisations

Narrow Search

Available online 1,127
(Images, texts etc.)

Organisation: Finnish Toy Museum Hevosenkenkä ×

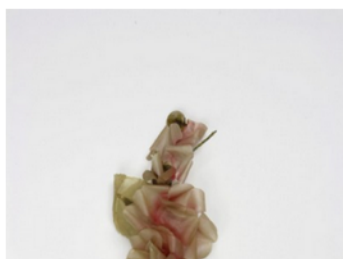
Sector ▾

Organisation ▴

▼ Finnish Toy Museum Hevosenkenkä ✓

Esinekokoelma 719

Valokuvakokoelma 409



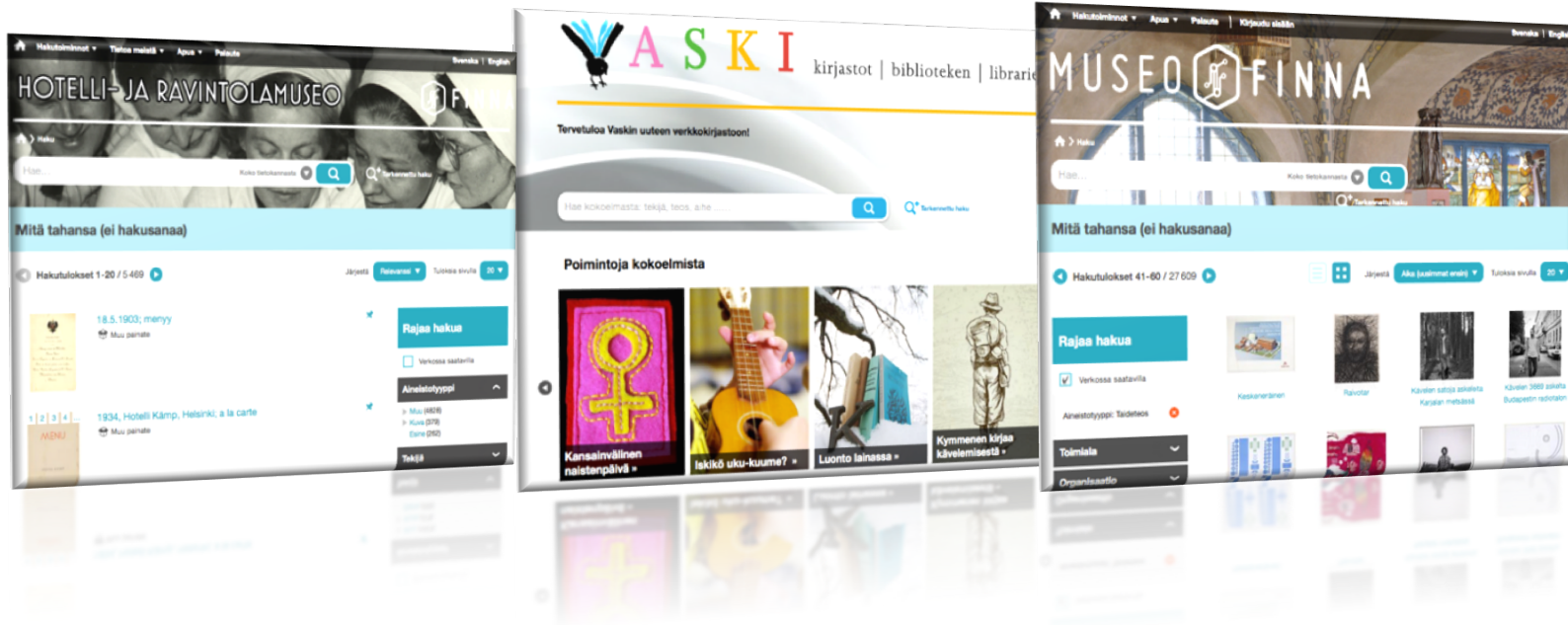
Leikkikalut; Lelu; Nukenvaunut
1930–1945



Entity of Finna interfaces

organisation .finna.fi

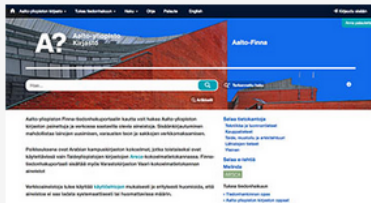
- **+50** organisations have published their own Finna user interfaces.
- Discovery and delivery of local content.



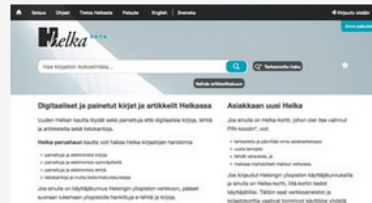
Higher education libraries

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

University libraries



Aalto University
aalto.finna.fi



Helka Libraries
helka.finna.fi



University of Eastern Finl...
uef.finna.fi



University of Jyväskylä
jyu.finna.fi



The National Library
kansalliskirjasto.finna.fi



University of Lapland
luc.finna.fi/ulapland



Lappeenranta Academic ...
wilma.finna.fi/lut



Oulun yliopisto
oula.finna.fi

Public libraries

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

Public libraries



South Ostrobothnia libraries
eepos.finna.fi



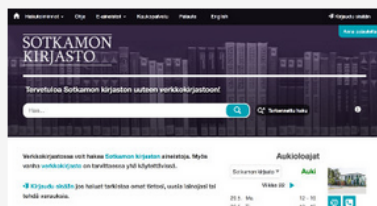
Kuopio City Library
kuopio.finna.fi



Vaski Libraries
vaski.finna.fi

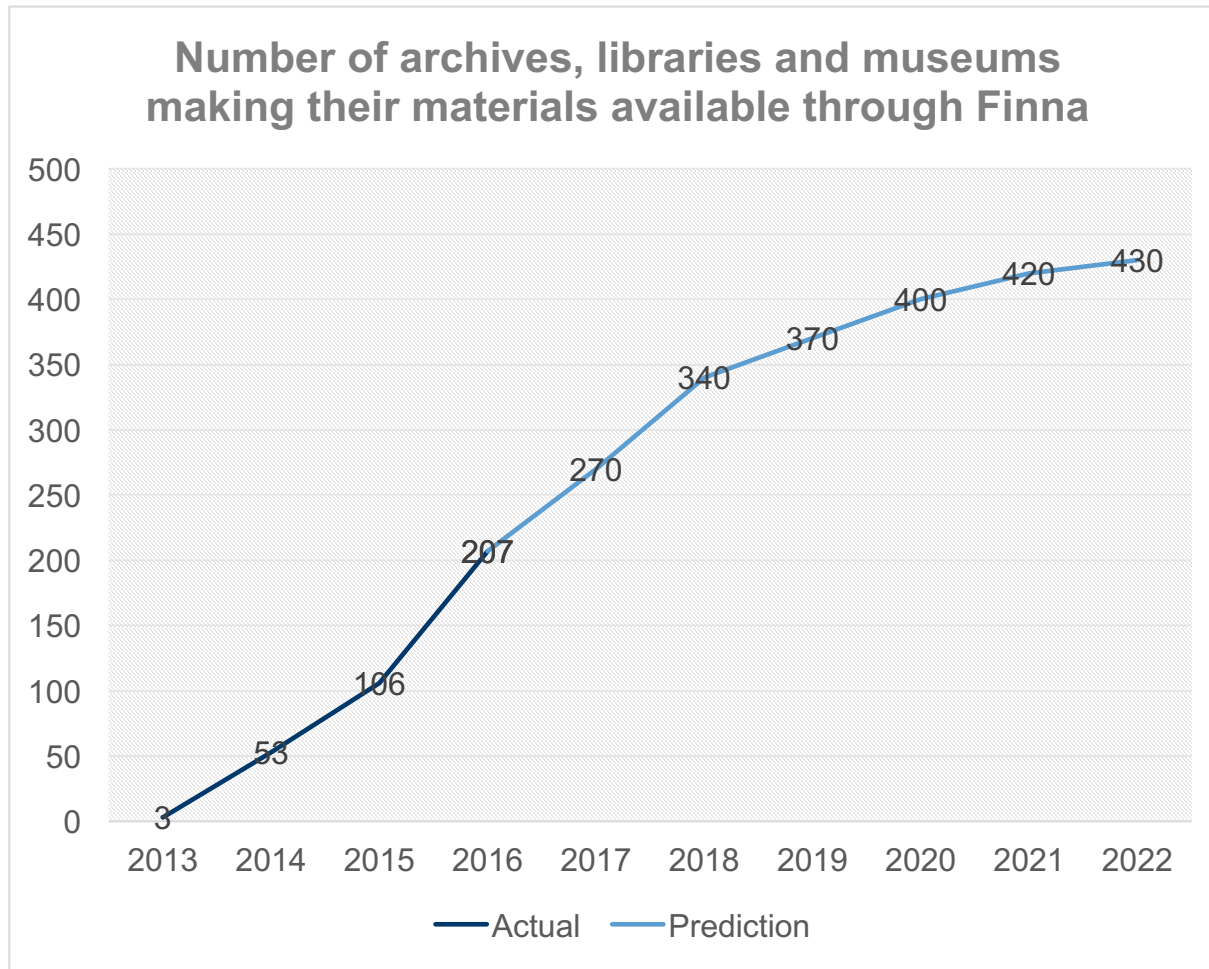


Lukki libraries
lukki.finna.fi



Sotkamo Public Library
sotkamo.finna.fi

Growing service



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?

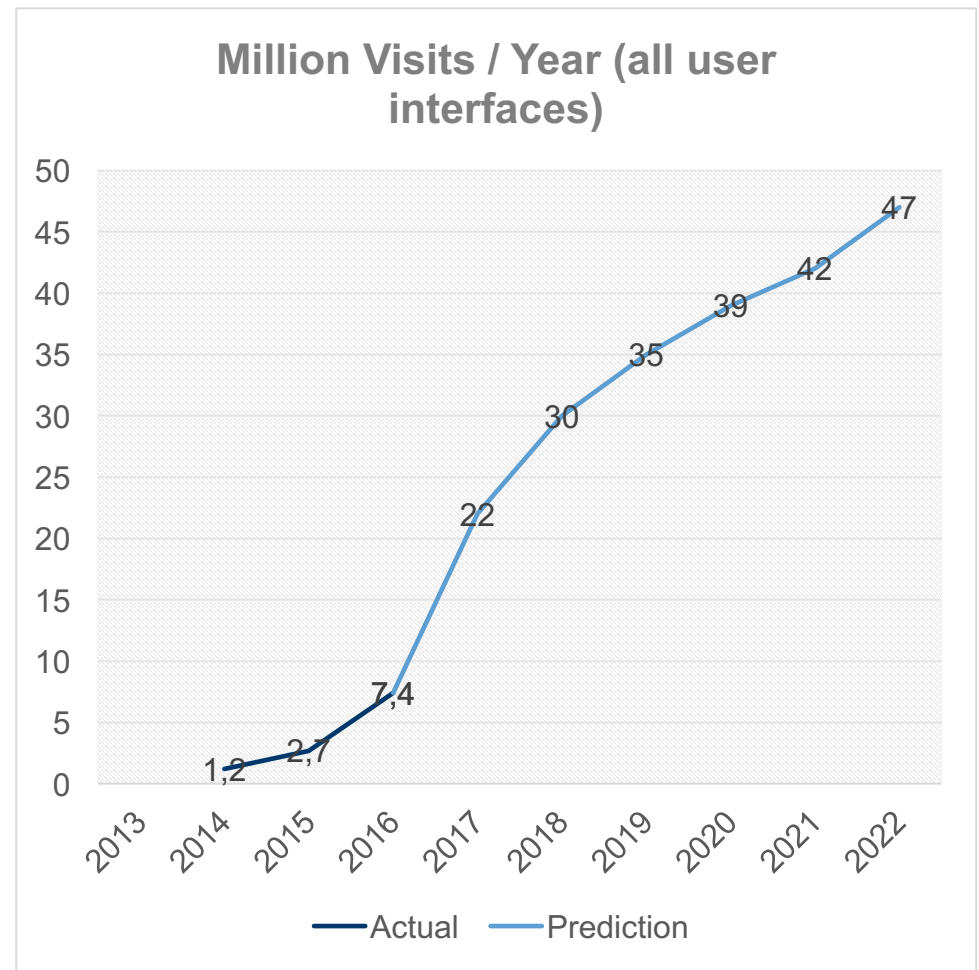


 CC BY

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



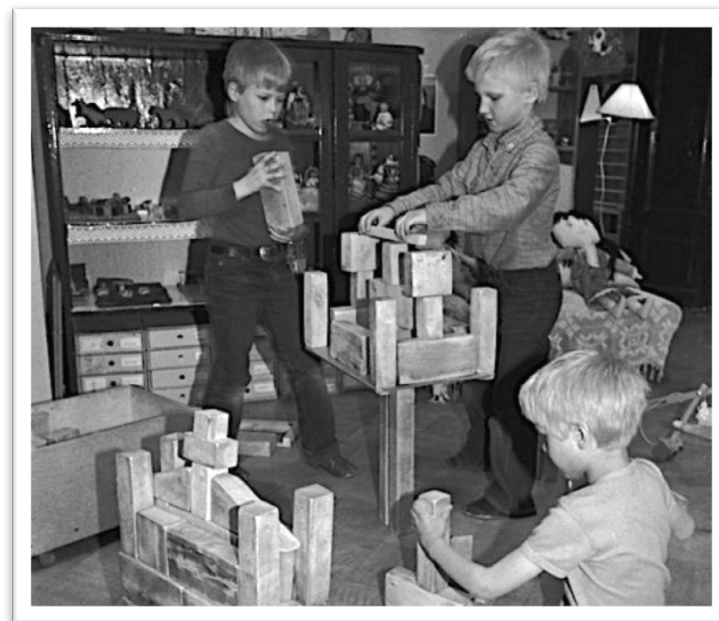
Fast and agile

- Agile methods
- New version every 3 weeks. Fast reaction to changing needs.

31 In Design	136 On Hold	26 Next Max 30	30 In Progress	19 Done Release...
Issues without epics 378 issues				
ALLI-3244 Piwik-id:t organisaatiok ohtaisiksi	ALLI-2002 Osakenttä 049c tietuenäyttöön	ALLI-3780 Call slipin tila asiakkaan omassa	ALLI-2654 Käyttäjä päätyy tyhjälle tietusivulle	ALLI-3052 Käyttörajattu en Voyager-aineistojen
ALLI-4941 Linked Events kalenterin integrointi	ALLI-2276 Paikkakunnan lisääminen esikatselukuvi	ALLI-2657 VoyagerRestf ul: Nimeketason	ALLI-2118 Kartan mittakaava (kenttä 255)	ALLI-2234 Online-linkkien lisääminen
ALLI-3777 Omat tiedot -sivu osioiden järjestyksen	ALLI-2692 Hallintaliittym ään mahdollisuus	ALLI-2580 Jos oletusnäky mää vaihtaa,	ALLI-4049 Gemini-driver	ALLI-4505 Tietueessa väärin näkyviä tietoja
ALLI-3419 Haetaan osakohteisiin building	ALLI-2303 Oma tili: Omat tiedot -välilehden	ALLI-2714 Tilatun aineiston saatavuustiet	ALLI-4190 RefWorks-viennin parannuksia	ALLI-4840 Eräpäivämuist utus -pudotusvalik
ALLI-3520 Organisaatioli stat aakkojärjesty	ALLI-2634 Oma tili: Omat tiedot -välilehden	ALLI-2117 Huomautuske ntät 550 ja 515	ALLI-4939 Hallintaliittym ä: tilastot ilman omaa	ALLI-4848 Hakuhistoria ja tallennetut haut lista
ALLI-3098 Toisten organisaatioid en linkkien	ALLI-2476 Automaattine n varoituse sähköpostiin	ALLI-1564 URN-resolverin osoite lisäävä	ALLI-4862 Less-tiedosto n validoinnin epäonnistumi	ALLI-4909 Asiakkaalle pitäisi lähettää
ALLI-2847 Opinnytteille	ALLI-1956 Valintojen	ALLI-2444 Aikajanafasett	ALLI-4450 Varoituse	ALLI-4925 Kaakkois-

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



Eeva Rista, Helsingin kaupunginmuseo,
<https://www.finna.fi/Record/hkm.HKMS000005:km0000ntu4>

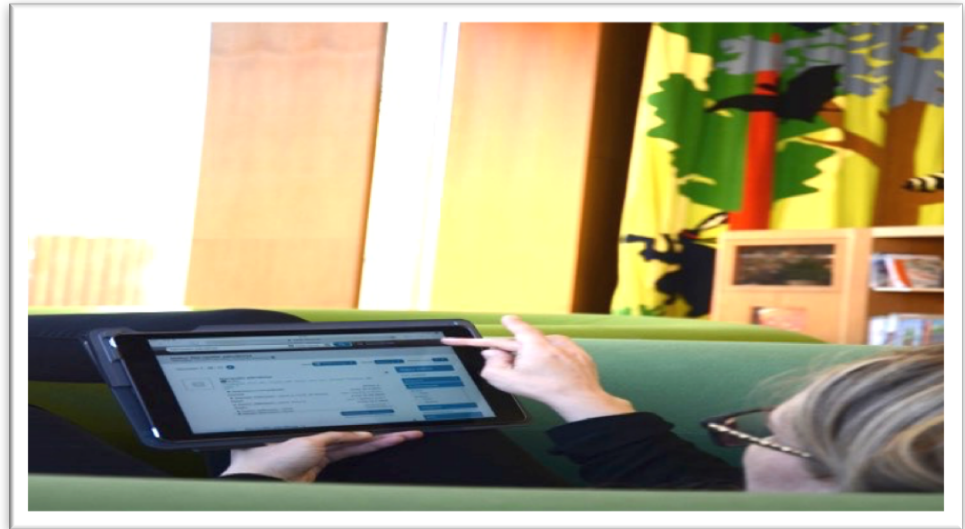
Developing Together...

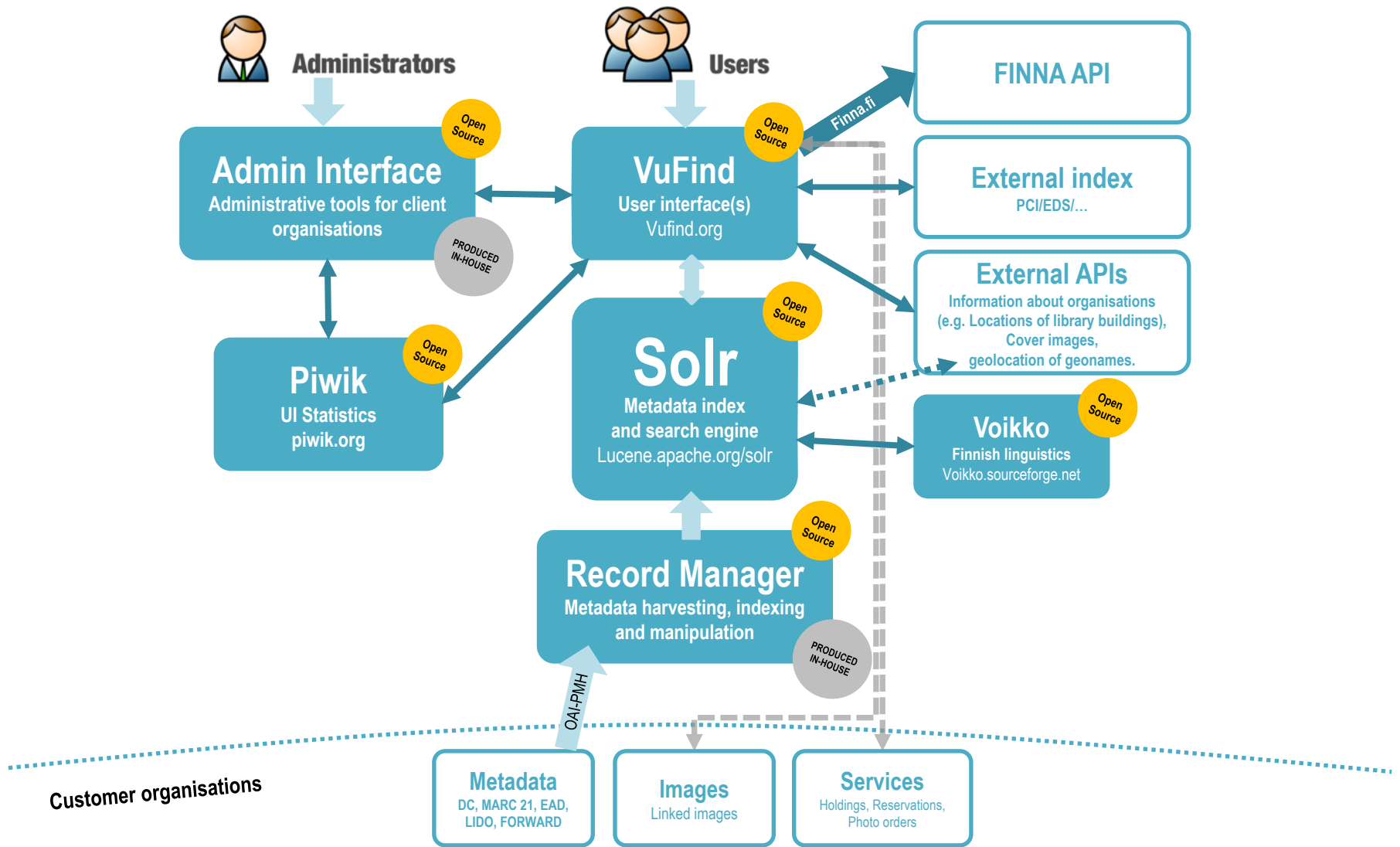
- **Finna consortium & NDL - steering group**
 - Far reaching decisions and strategy
- ***Internet forum, service desk, wiki, meetings***
 - Debate on the needs of Archives, Museums and Libraries
- Development is **openly documented** in real time



... for the users

- *User-centered design*





Melinda for cataloguers Finna for end users



Enabling re-use and new ways to use Finna data



CC BY

Väinö Kannisto, Helsingin kaupunginmuseo, <https://www.finna.fi/Record/hkm.HKMS000005:km0000lfq8>



THE NATIONAL LIBRARY OF FINLAND

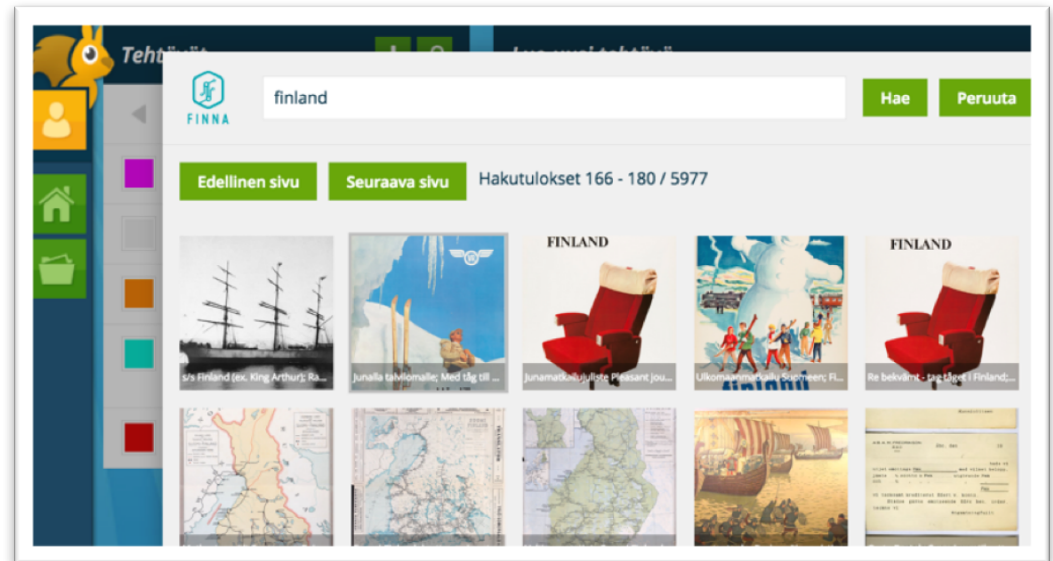
Openness enables re-use and the innovative development of services

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

-
- **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

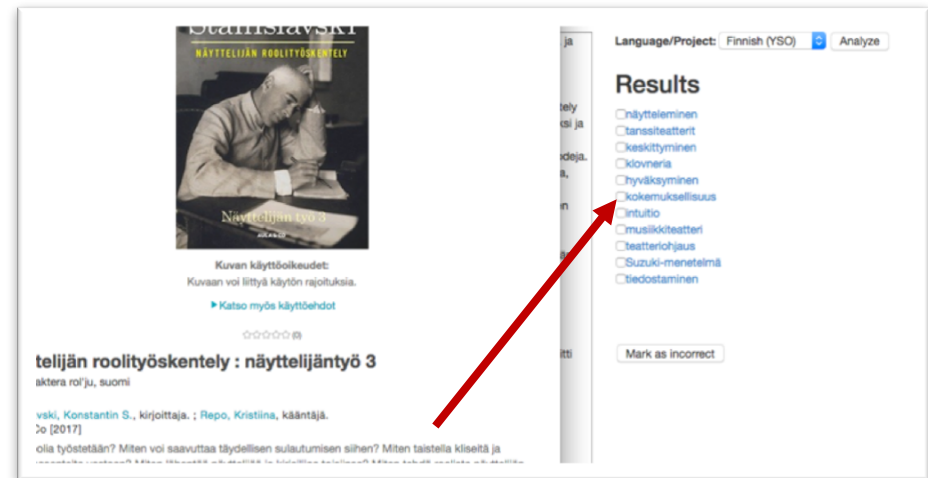


Hackathons

- 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

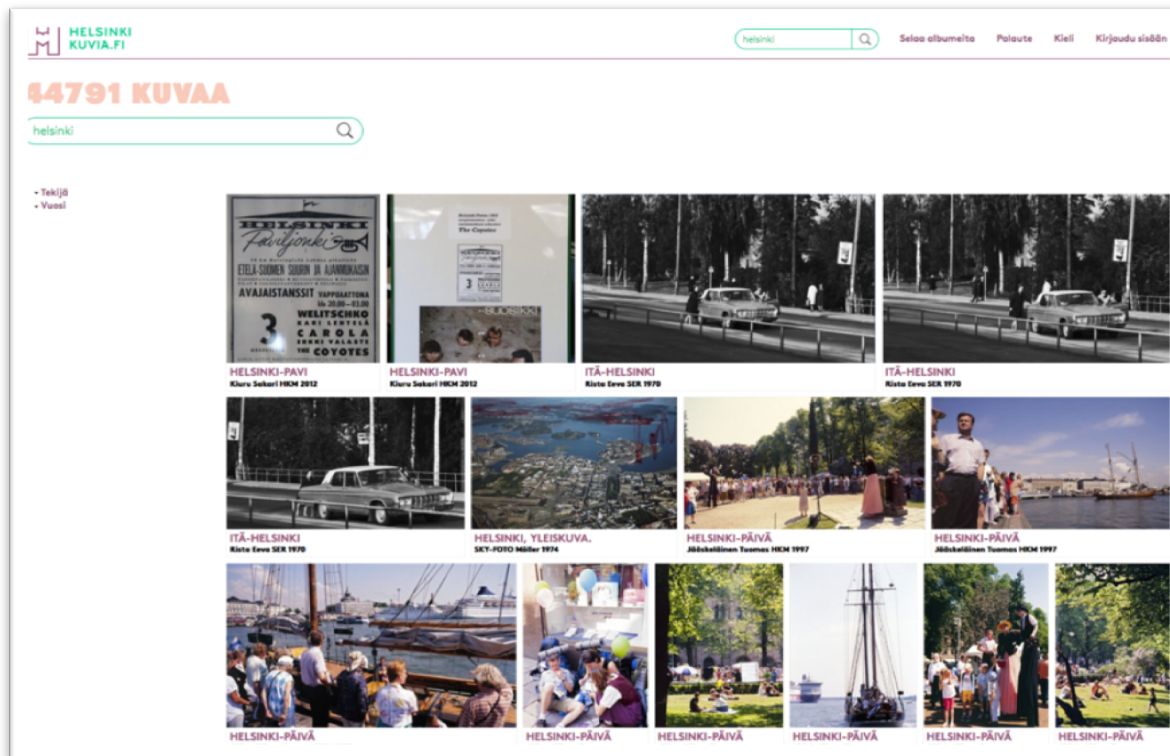


- Finto, Finnish thesaurus and ontology service



Examples of applications using Finna API

- [Helsinkiphotos.fi / Helsinkikuvia.fi](https://helsinkiphotos.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 record for 'Suomenlinna, Iso Mustasaari'. The record includes a photograph of a man standing next to a large tree trunk. The title is 'Suomenlinna, Iso Mustasaari' by Bonin Volker von, Valokuvaaja 19550910. The record is categorized as a photograph and is part of the Helsinki City Museum collection. It includes metadata such as the location (Helsinki, Iso Mustasaari), date (19550910), and organization (Helsingin kaupunginmuseo). The record is licensed under CC BY 4.0.

Lokistories record for 'Suomenlinna vanhoissa valokuivissa'. The record features a photograph of a man standing next to a large tree trunk, similar to the one in the Finna record. The record is titled 'Suomenlinna vanhoissa valokuivissa' by John Nurmisen Säätiö. It includes a location tag for Suomenlinna, Helsinki, Suomi, and a list of tags: #suomenlinna, #arkistokuvat, and #valokuvat. The record is licensed under CC BY 4.0.

finna.fi

api.finna.fi

api.lokistories.fi

lokistories.fi

Finna Street



Finna Street



image rights: [CC BY 4.0](#)

The images from the Helsinki City Museum collections in the service are published under Creative Commons BY 4.0 license. In brief, [MORE](#) ▼

Material provided by

Helsinki City Museum

[Contact us](#)

Puolustusvoimien vuosipäivän paraati Senaatintorilla.

[Timiriasew Ivan](#), Valokuvaaja 19200516

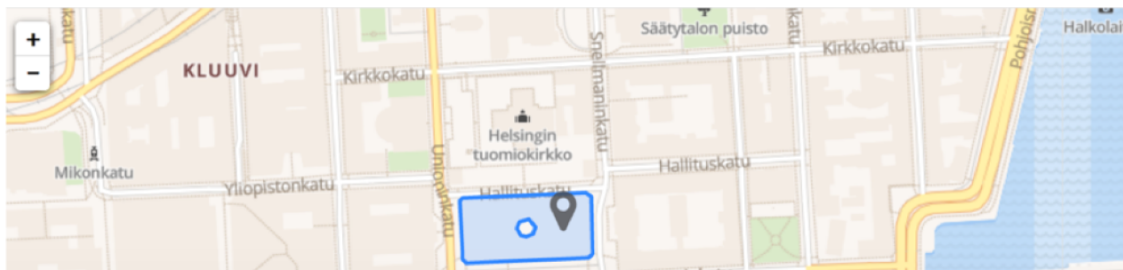
negatiivi, nitraatti, mv

Format:	Photo
Subject place:	Helsinki, Senaatintori
Subject date:	19200516
Organisation:	Helsinki City Museum
Inventory ID:	N2273
Measurements:	8,5x11
Photo info:	19200516 Helsinki, Senaatintori Timiriasew Ivan, Valokuvaaja
Subjects:	puolustusvoimat aukiot torit sotilaat kotieläimet hevonen Helsinki, Senaatintori 19200516

Comments(0)

Map View

Staff View





Thank you!

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