SUOMEN AKATEMIA
FINLANDS AKADEMI
ACADEMY OF FINLAND

Digi.kansalliskirjasto.fi open data and interfaces & demo!

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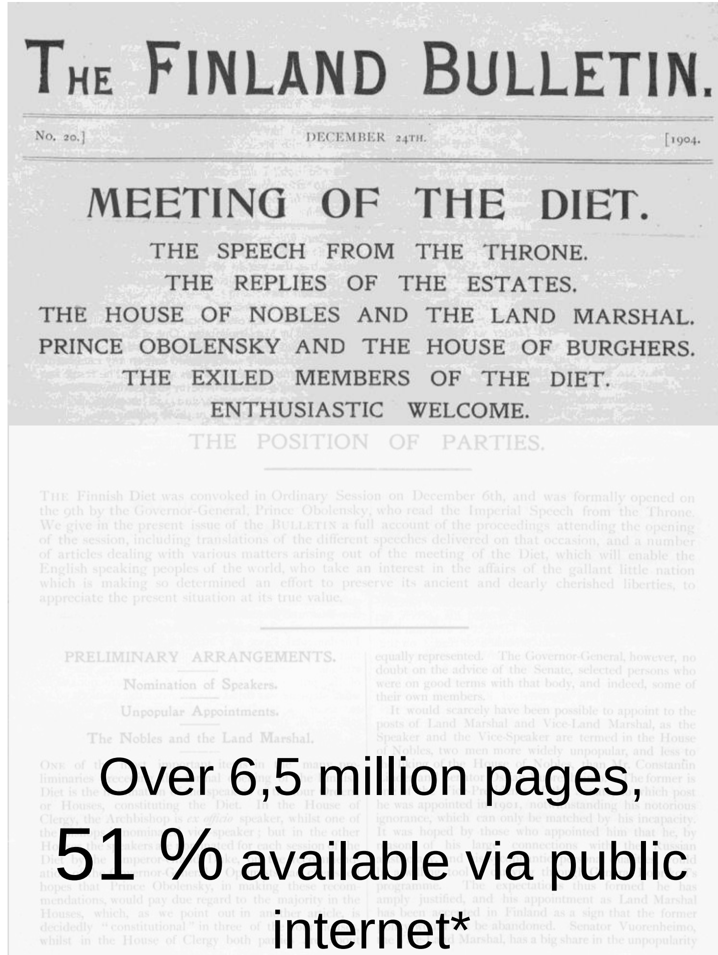
HELDIG Forum 13.4.2018

Materials at digi.kansalliskirjasto.fi 2018

Newspapers

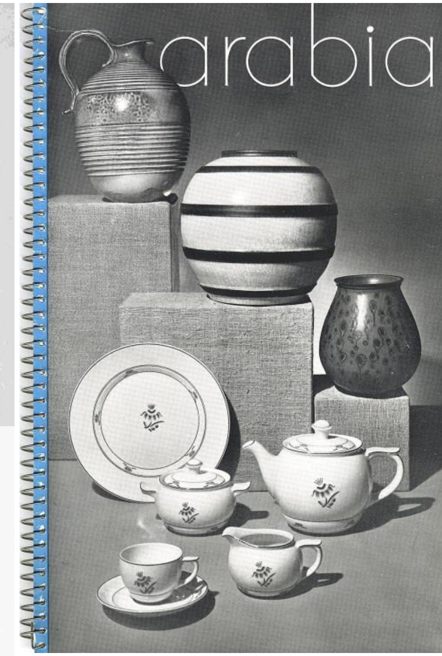
Over 6,4 million pages, ~62 % available via public internet*

Journals



Over 6,5 million pages, 51 % available via public internet*

Ephemera



130.000 pages, 100%

On 2018: 1918-1929 open

- Note! Currently there is special agreement to have years 1918-1929 materials open for internet.

- Agreement done between Copyright organization Kopiosto and National Library **for this year**!

Digital chain

10111010
10101101
10101101

Choose what to digitize + cataloguing

Material deposit / return

Preparation

Conservation

Scanning

Post-processing: structural analysis

ALTO XML
METS XML

Microfilming - from digital

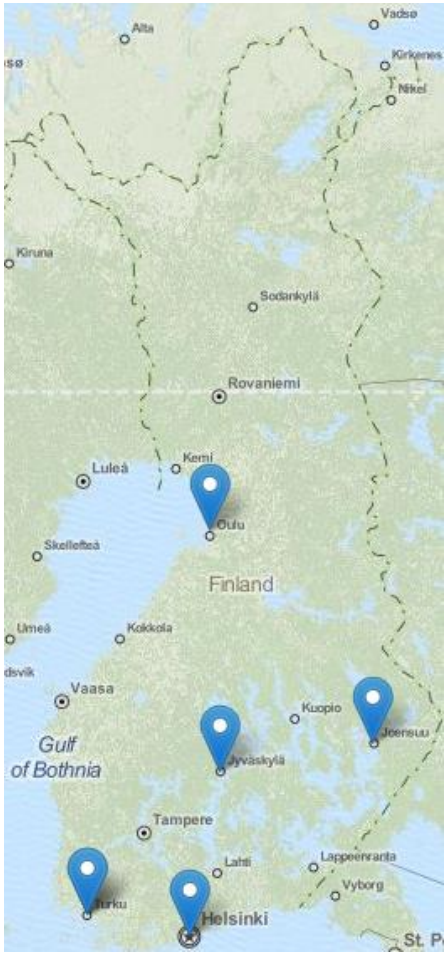
Deploy, use and preserve

The Final Product

Multiple places to access

- Legal deposit libraries

for in-copyright material



Vs.

- Various online services

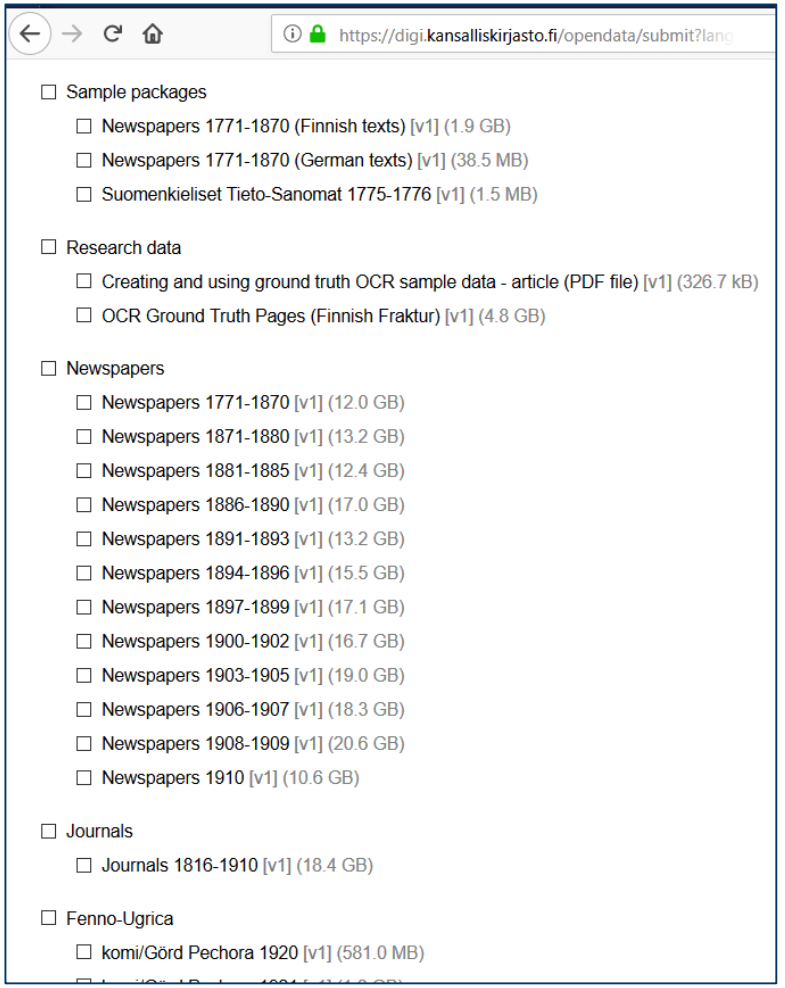
All having bit different selection of material and tools of use.

Data packages

https://digi.kansalliskirjasto.fi/opendata

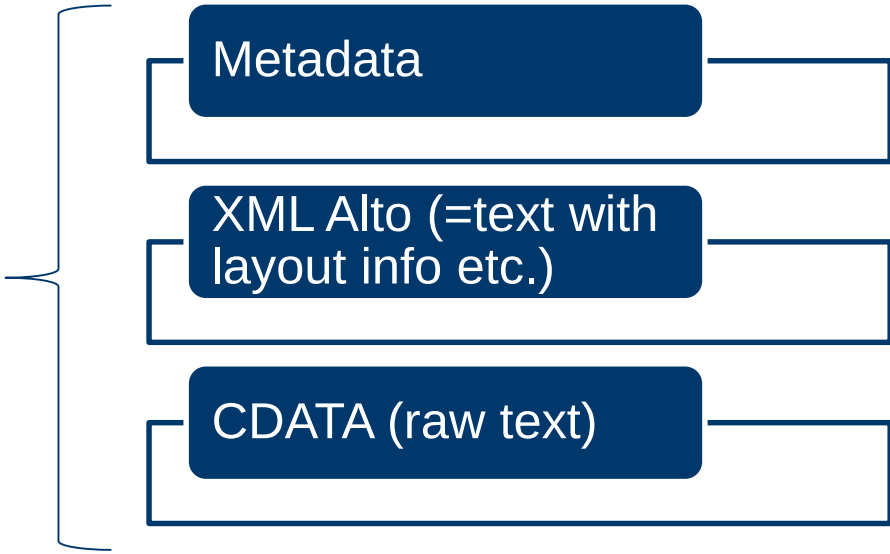
- You can download datapackages divided based on year ranges
- Material available until 1910

- More info at https://wiki.helsinki.fi/display/Comhis/En+-+Digi.kansalliskirjasto.fi+Data



The contents of the data package

- Contains all the pages from newspapers and journals until **1910**.
- 1 XML file per page
- Custom XML containing 3 parts.
- Divided within package to years and languages.



Lähde: Kimmo Kettunen, Informaatiotutkimuksen päivät 2016

Interfaces, too!

- **OAI-PMH** (traditional library interface, mainly used for harvesting, for example getting new records after specific date).

- **OpenURL** : handy way to refer to specific page e.g. by date

http://digi.kansalliskirjasto.fi/openurl/query.html?genre=journal&date=1888-01-03&issn=0355-6913&spage=2

- **JSON**: currently available for metadata of all titles

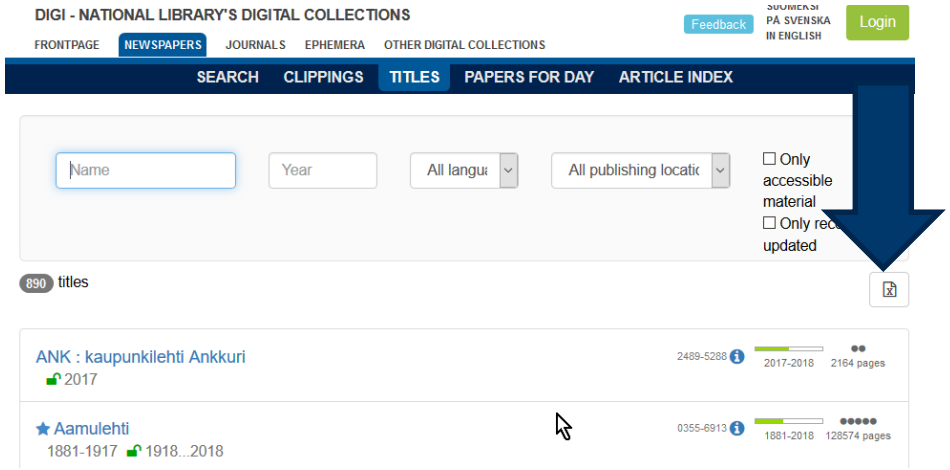
- More info at: https://wiki.helsinki.fi/display/Comhis/Interfaces+of+digi.kansalliskirjasto.fi

JSON: Example Metadata of titles

- https://digi.kansalliskirjasto.fi/api/newspaper/titles?language=fi

JSON

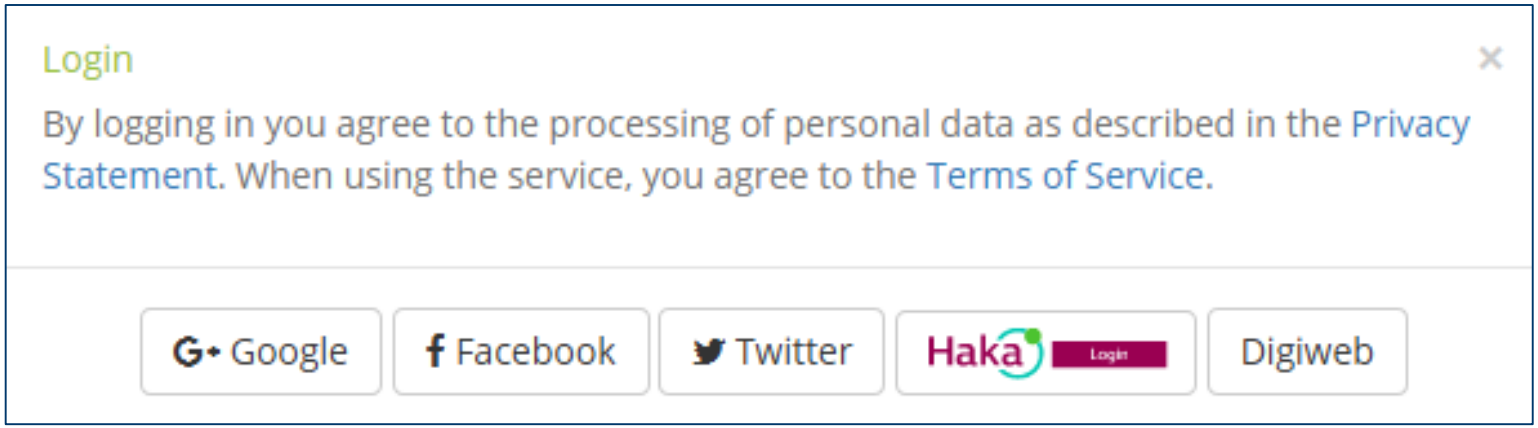
Also available as excel file



Possibilities from data

Haka project 2017-2018+

- HAKA-identification at digi.kansalliskirjasto.fi for using in-copyright digital materials for research and teaching at universities
- Pilots with a few universities within Finland



Slide from Minna Kaukonen, National Library of Finland

Thank you!
-> Demo…

Suomen Kuvalehti, 03.10.1925, nro 40, s. 10
https://digi.kansalliskirjasto.fi/aikakausi/binding/889602?page=10