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

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

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

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

Choose what to digitize + cataloguing
Material deposit / return

Deploy, use and preserve

Preparation
Conservation
Scanning

Microfilming - from digital

Post-processing: structural analysis

ALTO XML
METS XML
The Final Product
Multiple places to access

- Legal deposit libraries for in-copyright material

- 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](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](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

Also available as excel file
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
Thank you!
-> Demo...