



Leverage from  
the EU  
2014–2020

## Download Tool version 2.0 User Guide

To find the data you wish to download using the Tool, go to [digi.kansalliskirjasto.fi](https://digi.kansalliskirjasto.fi) and search for the documents. You can use the Tool to download data from newspapers and magazines, ephemera, books, manuscripts and sheet music to the extent that their content is considered to be largely free of copyright. The number of available magazines and ephemera increases annually as more content becomes free of copyright. Currently, magazines and ephemera printed before 1912 are available. Magazines and ephemera printed in 1912 can be accessed in early 2023. For newspapers, content printed before 1919 is available for download. Other data are available according to the metadata copyright information, which means that the time limit varies according to the type of the data and the publication. Watch the video user guide for the new version: <https://www.youtube.com/watch?v=2lrfNjJOEY> Video user guide for the old version: <https://www.youtube.com/watch?v=o-ykh9zTOdI>

To open to the Tool, select the Download Tool shortcut icon. You will find the icon in the Download Tool directory where this Guide is also located.

In the new version of the Tool, the data available for download with the tool can be searched for on the left side in the Digi search view. Alternatively, you can enter the URL address of the page containing your search results in the field Digin hakutulokset sisältävän sivun osoite (Address of the page containing the Digi search results).

You can then choose whether to download text as ALTO or text files and whether to download the data as jpg page images or pdf files. To download all pages of the volumes contained in the search results, select Lataa kaikki niteen sivut (Download all pages of the volume). If no selection is made, the Tool will only load pages that are included in your search results.

You can also select the storage location on your computer for downloading the data. By default, the data is downloaded to the same directory where the Download Tool is located. To change the location, select the Valitse sijainti (Select location) button. To change the directory structure of your storage location, select an option from the Hakemistopuun rakenne (Directory tree structure) drop-down menu. By default, BindingTitle\_BindingID is selected and the data is stored in directories whose names consist of the volume name and the volume unique identifier.

To begin the download, select the Lataa aineisto (Download data) button. You will see the progress and estimated duration of your download. You can pause and resume the download by selecting Keskeytä lataus (Pause download) and Jatka latausta (Resume download). To cancel your download completely, select Peruuta lataus (Cancel download). You can close the Tool and then resume a download you have paused earlier. When the download begins, you will also see the number of pages included in the search and, if you used search terms in the search criteria, the occurrence of search terms on the pages found in the search. To download the number of pages in your search and the download metadata as csv files, select Tallenna hakutulosten sivujen määrät (Save the number pages included in the search) and Tallenna ladattujen aineistojen tiedot (Save metadata for the downloaded data). You can merge csv files for future new downloads by selecting Yhdistä tulevien latausten csv-tiedostot (Merge csv files for future downloads). In this case, the number of pages of future download searches and the metadata for the downloads will be added to the same csv files. The download metadata, which also includes the copyright information and

references in the data, is stored in a csv file beginning with ladatut aineistot (downloaded data), automatically created in the storage location when the download begins.

If it was possible to download at least JPG images of the pages, data can be viewed with the Viewing Tool that can be accessed directly via the Tarkastele ladattua aineistoa (View the downloaded data) button that is displayed after the data is downloaded.

The first version of Download Tool was developed as part of the Digital Open Memory (DAM) project, funded by the European Union Regional Development Fund and its Leverage from the EU 2014-2020 programme. In the project, the National Library's services for researchers and the use of its digital collections were developed. Information was collected with a user-oriented approach from researchers who use the National Library's digital collections. In addition, providers of international researcher services developed around digital collections were interviewed and observed.

## Detailed descriptions of Tool buttons

### Tallenna hakutulosten sivujen määrät (Save the number pages included in the search)

Saves a csv file that contains the number of pages that a Digi search returned. If the search included search terms, the csv file also stores the number of pages where the terms appeared. For example, the following search returns a csv file, the results of which are shown below:

<https://digi.kansalliskirjasto.fi/search?query=mikkeli&startDate=1870-01-01&endDate=1871-12-31&title=1457-4721&formats=NEWSPAPER>

Year	Pages included in the search	Pages containing the search terms
1870	437	89
1871	633	143

### Tallenna ladattujen aineistojen tiedot (Save the metadata for the downloaded data)

Saves a csv file that contains general information about the downloaded data, copyright information and the references in the data. This csv file is also automatically created in the storage location when the download begins.

## Descriptions of downloadable file formats

Below you will find descriptions of the file formats which the Tool uses for downloads. Each format is suitable for a variety of uses.

### ALTO

An XML schema that describes the appearance of a page and contains the OCR-recognised raw text of the page. The pages may be from printed documents, such as newspapers or books. Read more: <https://www.loc.gov/standards/alto/description.html>

### Text file

Contains unformatted text. Text files downloaded via the Download Tool only contain the OCR-recognised raw text of the page.

## JPG

An image format that uses lossy compression and is supported by many programmes. JPG is used for page images, in other words, images of the pages that make up newspapers, books and other printed documents.

## PDF

A file format in which the appearance of the data always remains the same, independent of the programmes or operating systems used to view the file. PDF files downloaded via the Tool contain all page images of a single volume.

Download Tool 2.0

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☒ require all search terms ☐ fuzzy search search: ☒ text content ☐ metadata

Try the Name wizard!

Limit to: ☐ newspapers ☒ journals ☐ ephemera ☐ books ☐ manuscripts ☐ maps ☐ music notations ☐ pictures ☐ library card indices

all titles

all collections

Time range: 01.01.1900 31.12.1910

all publishing places

all authors (books)

all keywords

all publishers

all languages

Pages:

Material added since All times


☐ Page has illustrations ☐ Search last pages ☐ Show inaccessible search results

My earlier searches

49 binding pages 10 binding parts

« 1 2 3 »

Best matches first



Kylväjä

nr. 5 5.1908. Raittiuden Ystävät: page 6

17.02.2011

Page content: ...on vielä säilytetty. **Kaupungin** keskuksena on raatihuone ja sen ympärillä **tori**. Idältä **torilta** lähtevät säteiden tavalla...kerran mereltäpään pommitti **kaupunkia** ja silloin viholliselle vastattiin **kaupungin** ulkopuolella olleesta etu varustuksesta...kohti haj uitetut ja syvät vallihaudat täytetyt ja **kaupungilla** ei enään ole erikoisempaa sotilaallista merkitystä...vastaan. Se tapahtui pikkuvihan aikana. Mutta silloin **kaupungin** puolustajat jättivät linnoituksen ja sytyttivät sen...Suolaa ja muita ulkomaan tavaraita sekä rautaa lähetti **kaupunki** sisämaahan runsaasti, ja tervää sekä puutavaroita alkoi...Viime vuosisadan lopulla alkoi liike-elämä Kutkan **Kaupungin** tultua perustettua lamantua, mutta Haminan satamalojen...

Kysy chatissa

16 40  
NATIONAL LIBRARY  
OF FINLAND

European Union  
European Regional  
Development Fund

Leverage from  
the EU  
2014-2020

Address of the Digi page with the search results  
<https://digl.kansalliskirjasto.fi/search?query=mikkelin%20kaupunki%20tori&startDate=1900-01-01&end>

Text format ☒ ALTO xml ☐ text

Pictures ☒ jpg pictures ☐ pdf

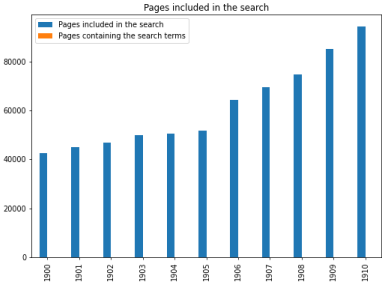
Download all pages of the volume ☐

Material storage location  
C:/Users/esliikko/Documents/NetBeansProjects/digl\_ai  
neistolaitaja/tutaukset

Choose location

Directory tree structure  
BindingTitle\_BindingID

Pages included in the search



Year	Pages included in the search
1900	40000
1901	42000
1902	45000
1903	48000
1904	50000
1905	52000
1906	55000
1907	58000
1908	62000
1909	65000
1910	75000

Save the number of search result pages Save the information on downloaded materials

☐ Merge the CSV files of future downloads

Download status

Downloading search result: 9/49

Downloaded: 9.8 MB

Free disk space: 4.54 GB

Estimated download duration: 0.2 min

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