

# An introduction to computational access

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# Digital repositories on the Web

## Introduction



### The scope and purpose of the web catalogue

A web catalogue of a major collection of medieval illuminated manuscripts must aim to serve many different masters. Just like a published catalogue, it should provide information to anyone with a serious scholarly interest. Like a public exhibition, however, it should also be interesting and pleasurable to the occasional visitor, merely keen on finding pretty pictures.

Of course, we have tried to make the access to the underlying database of medieval illumination as transparent as possible. Therefore, the search screen will hold few surprises for those who are used to consulting catalogues on medieval manuscripts. Even so, it may still be useful for them to read at least part of this prologue. For those who have no experience with manuscript catalogues or with medieval art in general, these introductory paragraphs will certainly be useful, because we shall show something of the richness of the material. We hope that the type of information we describe here will stimulate you to explore the online catalogue which you will reach when you click [search](#). For the moment the web catalogue is first of all committed to offering a search facility for the collection. This emphasis on the database and its access should not prevent you from browsing around. As a starting point for browsing through the collection you could, for example, simply select a *Shelfmark* from the first index on the search screen. It is our intention to supplement the search facility of the catalogue with a *browse* option which will give access to 'temporary exhibitions' that focus on particular aspects of the collection.

### Subject matters

We begin with a few notes on the iconographic retrieval facilities of the catalogue, because the illumination is a focal point of the collection, and because a great deal of time and effort has been invested in the subject access to the miniatures, initials and border decorations. First of all, captions have been written for every picture and an alphabetically arranged list of these captions can be called forth by clicking on the index button at the box *Iconographic descriptions*. At a later stage of the project a complete list of the words used in the captions will be added to the retrieval facilities.

## Public Record Office Catalogues

### Procat

This is the first release of PROCAT the new online fully multi-level catalogue at the Public Record Office. This enhanced system Try searching the first release of **PROCAT** now (check that cookies are enabled on your browser first). We welcome your **feedback**

- Procat
- Catalogue
- NDAD
- NDAD
- a2a
- Equity Pleadings

### KB-catalogus: verfijnd zoeken

Zoekbatal(1):

en	Willekeurige woord	
en	(Corporate) auteur	
en	Titel(woord)	
en	Samenstelling	
en	Trefwoord/Vakgebied	

Perk de zoekactie in met jaar van uitgave:

☒ alle jaren  
☐ eerder dan  
☐ gelijk aan  
☐ later dan  
☐ tussen:  en

Perk de zoekactie in op type publicatie:

☒ boeken & tijdschriften  
☒ tijdschriften  
☒ elektronische bronnen  
☒ bijzondere collecties

Koninklijke Bibliotheek - Nationale bibliotheek van Nederland

### National Archives and Records Administration

ALIC:  
Archives Library Information Center

[The Library Catalog](#)  
[Searchable Databases](#)  
[What's New](#)  
[New Books Shelf](#)  
[Training Management](#)  
[Periodicals](#)  
[Government Documents](#)  
[Bibliographies Pathfinders](#)  
[Virtual Library](#)  
[Policies](#)  
[Services](#)  
[Hours & Locations](#)  
[Staff](#)

Reference at Your Desk

Searchable Databases:  
The Library Catalog

Uncover Articles

Archives USA

ProQuest (Articles)

FirstSearch Databases

Other ALIC Websites:

Interagency Workshop Crown on Nazi War Criminals

## The Book Catalog

### Search the Library Online Public Access Catalog

ALIC's Online Public Access Catalog contains over 63,000 bibliographic records, with more records being added on a weekly basis. The collection includes records for books, microforms, computer disks, and audiovisual materials. These materials are available to all NARA staff members and to onsite researchers.

The search form allows searching by any combination of author, title, subject keyword, date or format. Items that do not indicate a holding location are not available. Staff and onsite researchers may contact the library reference desk at (301) 713-6875 or [via email](#) to contact the reference desk. If possible, the records include links to the online version of the publication.

# The Digital Shift

## Always Already Computational



🔔 *Always Already Computational: Collections as Data* has been succeeded by *Collections as Data: Part to Whole*. \$600,000 has been awarded to 12 teams to advance collections as data implementation and use. 🔔

From 2016-2018 *Always Already Computational: Collections as Data* documented, iterated on, and shared current and potential approaches to developing cultural heritage collections that support computationally-driven research and teaching. With funding from the Institute of Museum and Library Services, Always Already Computational held two national forums, organized multiple workshops, shared project outcomes in disciplinary and professional conferences, and generated nearly a dozen deliverables meant to guide institutions as they consider development of collections as data.

The final report and project deliverables can be [found here](#).

## Contact

- Digitised material
- Born-digital material
- Computing capacity
- Tools and examples



What is computational access?

## **Any type of access that requires computational methods:**

- This is not limited to state-of-the-art projects
- Is available in a digital environment and scalable
- If granted by copyright laws or other regulations, accessible to all





## **Four different approaches:**

- Terms of Use
- Bulk dataset
- API
- Platform





# Terms of Use

# Internet Archive's Terms of Use, Privacy Policy, and Copyright Policy

## Terms of Use

31 Dec 2014

This terms of use agreement (the "Agreement") governs your use of the collection of Web pages and other digital content (the "Collections") available through the Internet Archive (the "Archive"). When accessing an archived page, you will be presented with the terms of use agreement. If you do not agree to these terms, please do not use the Archive's Collections or its Web site (the "Site").

Access to the Archive's Collections is provided at no cost to you and is granted for scholarship and research purposes only. The Archive, at its sole discretion, may provide you with a password to access certain Collections, provided that you complete any required application process and provide accurate information in your application. You may use your password only to access the Collections in ways consistent with this Agreement — no other access to or use of the Site, the Collections, or the Archive's services is authorized. You agree not to interfere with the work of other users or Archive personnel, servers, or resources. Further, you agree not to recirculate your password to other people or organizations. Please report any unauthorized use of your password promptly to [info@archive.org](mailto:info@archive.org). You acknowledge that you have read and understood the Archive's Privacy Policy and agree that the Archive may collect, use, and distribute information pursuant to that policy. If you provide any content to the Archive, you grant the Archive a nonexclusive, royalty-free right to use that content.

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You agree that we may contact you from time to time with surveys or other questions regarding your opinions about and uses of the Archive, as well as with information we believe may be of interest to you. We encourage you to respond to these surveys because we value your input, which will assist us in improving the Archive. In addition, we request that, according to standard academic practice, if you use the Archive's Collections for any research that results in an article, a book, or other publication, you list the Archive as a resource in your bibliography.

While we collect publicly available Internet documents, sometimes authors and publishers express a desire for their documents not to be included in the Collections (by tagging a file for robot exclusion or by contacting us or the original crawler group). If the author or publisher of some part of the Archive does not want his or her work in our Collections, then we may remove that portion of the Collections without notice.

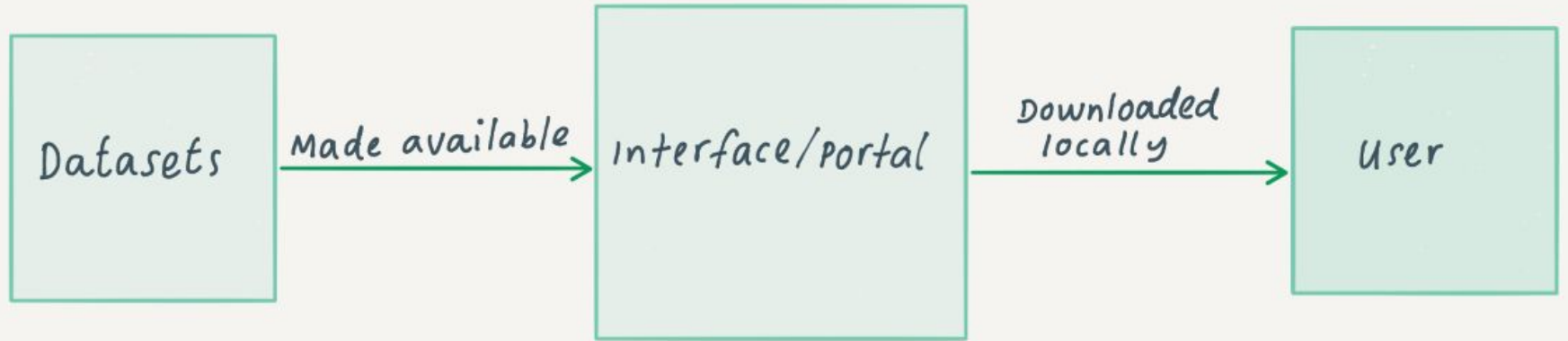
The Archive may immediately terminate this Agreement at its sole discretion at any time upon written notice (including via email) to you. Upon termination, you agree that the Archive may immediately deactivate any password it has issued to you and bar you from accessing the Collections or the Site.

The Archive may modify this Agreement from time to time, and your continued use of the Collections and/or the Site constitutes your acceptance of any and all modifications. The Archive will attempt to notify you of substantial modifications via the email address that you have registered with us, if any.

Because the content of the Collections comes from around the world and from many different sectors, the Collections may contain information that might be deemed offensive, disturbing, pornographic, racist, sexist, bizarre, misleading, fraudulent, or otherwise objectionable. The Archive does not endorse or sponsor any content in the Collections, nor does it guarantee or warrant that the content available in the Collections is accurate, complete, noninfringing, or legally accessible in your jurisdiction, and you agree that you are solely responsible for abiding by all laws and regulations that may be applicable to the viewing of the content. In addition, the Collections are provided to you on an as-is and as-available basis. You agree that your use of the Site and the Collections is at your sole risk. You understand and agree that the Archive makes no warranty or representation regarding the



# Bulk dataset



# Datasets

## Downloadable, non-consumptive book data.

HTRC releases research datasets to facilitate text analysis using the HathiTrust Digital Library. While copyright-protected texts are not available for download from HathiTrust, fruitful research can still be performed on the basis of non-consumptive analysis of features extracted from full text. These features include volume-level metadata, page-level metadata, part-of-speech-tagged tokens, and token counts. Additionally, HTRC has partnered with advanced researchers to release a derived dataset, Word Frequencies in English-Language Literature, 1700-1922.

## HTRC Extracted Features Dataset

Page-level features from 17.1 million volumes [v.2.0]

### Description

The HTRC Extracted Features Dataset v.2.0 is composed of page-level features for 17.1 million volumes in the HathiTrust Digital Library. This version contains non-consumptive features for both public-domain and in-copyright books.

Features include part-of-speech tagged term token counts, header/footer identification, marginal character counts, and much more.

A full explanation of the dataset's features, motivation, and creation is available at the [EF Dataset documentation page](#)

### Download the data

All 17.1 million files as well as custom subsets of the EF data are accessible using `rsync`, as

### Contents

# of volumes	17,123,746
In-copyright	10,550,952
Public domain and Creative Commons	6,572,794

# of pages	6,221,631,336
# of tokens	2,906,819,723,689

### Resources



# international institute of social history

IISH Data Collection (International Institute of Social History)

International Institute of Social History

 Metrics

39,089 Downloads

 Contact  Share

## IISH Data Collection

The IISH Data Collection contains micro-, meso-, and macro-level datasets on social and economic history. To access restricted datasets or add your own you will need to sign up. For questions regarding the use of Dataverse, consult the [documentation](#).



History of Work



Indian Ocean and Maritime Asia  
Slave Trade Databases



Electronic Repository of Russian  
Historical Statistics (RISTAT)



Low Countries Data Collection  
(1350-present)



Search this dataverse...

 Find

[Advanced Search](#)

☒  Dataverses (40)

1 to 10 of 284 Results

 Sort ▾

 master ▾ 3 branches 58 tags

Go to file

 Code ▾

john-halderman Automatic monthly update.

cf5a0b3 26 days ago 73 commits



.gitattributes

May 16th update; moving datasets to large file storage; added domain ...

4 years ago



Artists.csv

Automatic monthly update.

26 days ago



Artists.json

Automatic monthly update.

26 days ago



Artworks.csv

Automatic monthly update.

26 days ago



Artworks.json

Automatic monthly update.

26 days ago



README.md

Automatic monthly update.

26 days ago

README.md

## The Museum of Modern Art (MoMA) Collection

The Museum of Modern Art (MoMA) acquired its first artworks in 1929, the year it was established. Today, the Museum's evolving collection contains almost 200,000 works from around the world spanning the last 150 years. The collection includes an ever-expanding range of visual expression, including painting, sculpture, printmaking, drawing, photography, architecture, design, film, and media and performance art.

MoMA is committed to helping everyone understand, enjoy, and use our collection. The Museum's [website](#) features 88,338 artworks from 26,443 artists. This research dataset contains 138,210 records, representing all of the works that have been accessioned into MoMA's collection and cataloged in our database. It includes basic metadata for each work, including title, artist, date made, medium, dimensions, and date acquired by the Museum. Some of these records

### About

The Museum of Modern Art (MoMA) collection data

 Readme

### Releases 58

 v1.56 Latest  
26 days ago[+ 57 releases](#)

### Contributors 2



john-halderman john-halderman

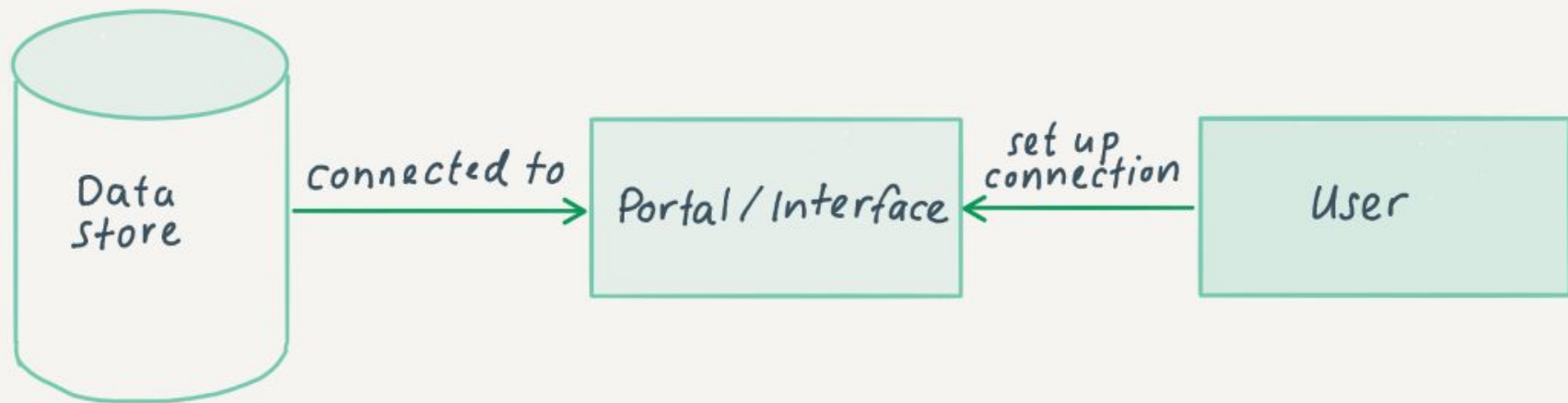


momadm momadm





# API





## Make something

Use open APIs and datasets to make something new with our collections



### Catalogue

Create apps that search our museum and library collections, using the same API that we do.



### Images

Access our images using standard International Image Interoperability Framework (IIIF) APIs.



### Datasets

Download openly available data about our collections, for use in your research.

## Follow along

We work completely in the open, find out what we're up to



### Stacks

Read about developments at Wellcome Collection.



### GitHub

View code from the Wellcome Trust on GitHub.



### Cardigan

Explore our UX design system and UI components.



nullhandle added missing quotation mark

4fab816 on 26 Nov 2018 81 commits

ait-implementation	Publish Archive-It's next implementation	3 years ago
ait-specification	Fix link syntax	3 years ago
general-specification	Fix some long-standing typos	3 years ago
lockss-implementation	Update and rename README to README.md	4 years ago
utilities	Create README.md	3 years ago
README.md	added missing quotation mark	2 years ago

## README.md

# WASAPI Data Transfer APIs

This is the public repository for work on the Web Archiving Systems API (WASAPI) data transfer APIs. The intention for these APIs is to provide a standardized mechanism for export and import of web archive data (and perhaps, ultimately, derivative data and capture metadata) between diverse systems for preservation, replication, research use, data delivery, and other purposes. Design and development is being carried out by project partners on the [Institute of Museum and Library Services-funded National Leadership Grant, LG-71-15-0174, "Systems Interoperability and Collaborative Development for Web Archiving"](#) (PDF) in consultation with a technical working group and based on feedback from the web archiving community.

## Clients & Utilities

## WASAPI data transfer APIs

Readme

## Releases

No releases published

## Contributors 3



ursafoot ursafoot



jeffersonbailey jeffersonbailey



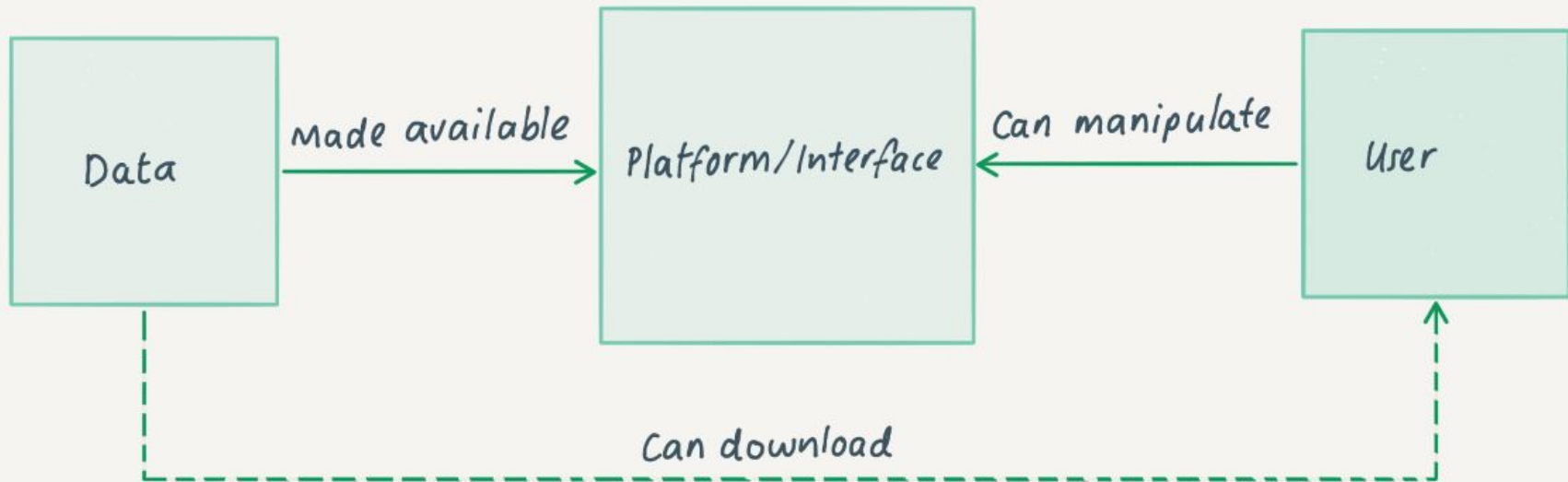
nullhandle nullhandle

## Languages

Python 100.0%



# Platform





# HTRC Data Capsule



## ❗ Pagina niet gevonden

De pagina die je wilt bekijken kon niet worden gevonden: de pagina kan zijn hernoemd, verplaatst naar een andere space, of de opgegeven naam was onjuist of onvolledig.

## In deze Space

De pagina die je zoekt kan zijn hernoemd naar de volgende:

### [HTRC Data Capsule Environment](#) (Documentation)

The HTRC Data Capsule environment provides individual, secure computing environments to analyze content in the HathiTrust Digital Library....

## In deze Space

De pagina die je zoekt heeft een naam die lijkt op:

### [HTRC Data Capsule Tutorial](#) (Documentation)

Once you have your capsule running, you may find it useful to open this guide in an internet browser in your capsule so you can copy and paste commands. The short link for this page is: <https://wiki.htrc.illinois.edu/x/TQFRAQ> <https://wiki.htrc...>

### [HTRC Data Capsule Environment](#) (Documentation)

The HTRC Data Capsule environment provides individual, secure computing environments to analyze content in the HathiTrust Digital Library....

### [HTRC Data Capsule Step-by-Step Guides](#) (Documentation)

To learn about the technical specifications and general functionality of the HTRC Data Capsule environment, see the HTRC Data Capsule Specifications and Usage Guide page....

### [HTRC Data Capsule Specifications and Usage Guide](#) (Documentation)

HTRC Data Capsules are secure computing environments developed to facilitate non-consumptive text analysis research....

**Important notice for active users:**

As of today, we've switched to a new login system. This requires you to import your old workspace. Please visit the import page before you begin

[IMPORT YOUR WORKSPACE >](#)



# Computational Access Guide

- Loads of resources, but not for our community
  - First steps
- Basic explanation of a number of definitions



# Questions?

**Email: [lkt39@cam.ac.uk](mailto:lkt39@cam.ac.uk)**

**Twitter: [@makethecatwise](https://twitter.com/makethecatwise)**

