

Persistent Identifier Services for the Humanities

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The British Library

"Is there any way of obtaining accurate page numbers for parts of the sources? Although the whole site is fantastic for research, it makes citation very difficult"



Humanities Workshop: Headlines

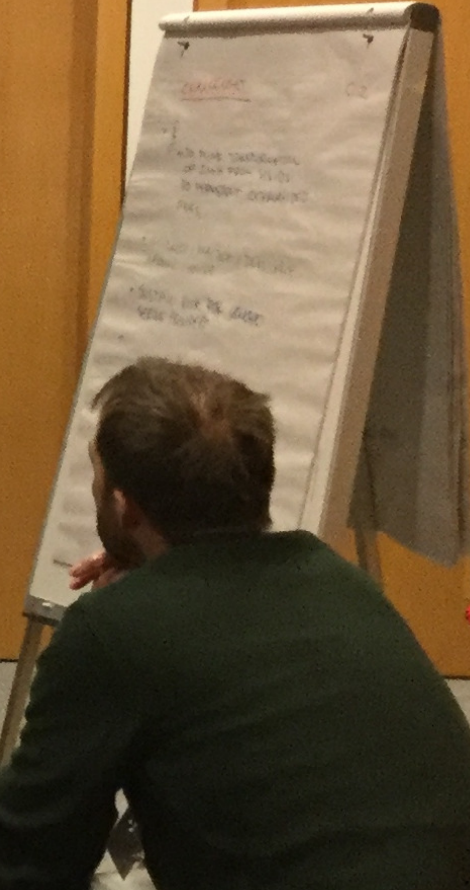
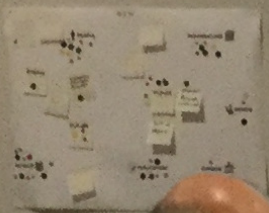
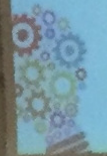
- ... limited awareness of the use and potential benefits ...
- ... opportunities of application of PIDs to historical artefacts ...
- **Humanities researchers identify with the use cases for PIDs, but have difficulty identifying with examples from other academic fields. This is amplified by the feeling that PIDs are not as supported in their domain**
- ... need to share best practices around PIDs and metadata ...
- **Humanities scholars have similar needs in scholarly communications use to other disciplines, but controlled vocabularies in use do not fit digital humanities use cases.**

Why are you not already using persistent identifiers?

What are the obstacles to adoption?

E.g.

- Financial
- Technical
- Licensing
- Cultural (e.g. lack of buy-in from end users)
- Ethical
- Time/effort
- Readiness
- Political
- Lack of standards
- Lack of added value
- Lack of functional support
(e.g. can get a DOI for a dataset, but can't link it to publications)




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Journal of Open Humanities Data

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The *Journal of Open Humanities Data* (JOHD) features peer reviewed publications describing humanities data or techniques with high potential for reuse. Humanities subjects of interest to JOHD include, but are not limited to Art History, History, Linguistics, Literature, Music, Philosophy, Religious Studies, etc. Data that crosses one or more of these traditional disciplines are highly encouraged.

Call for Papers

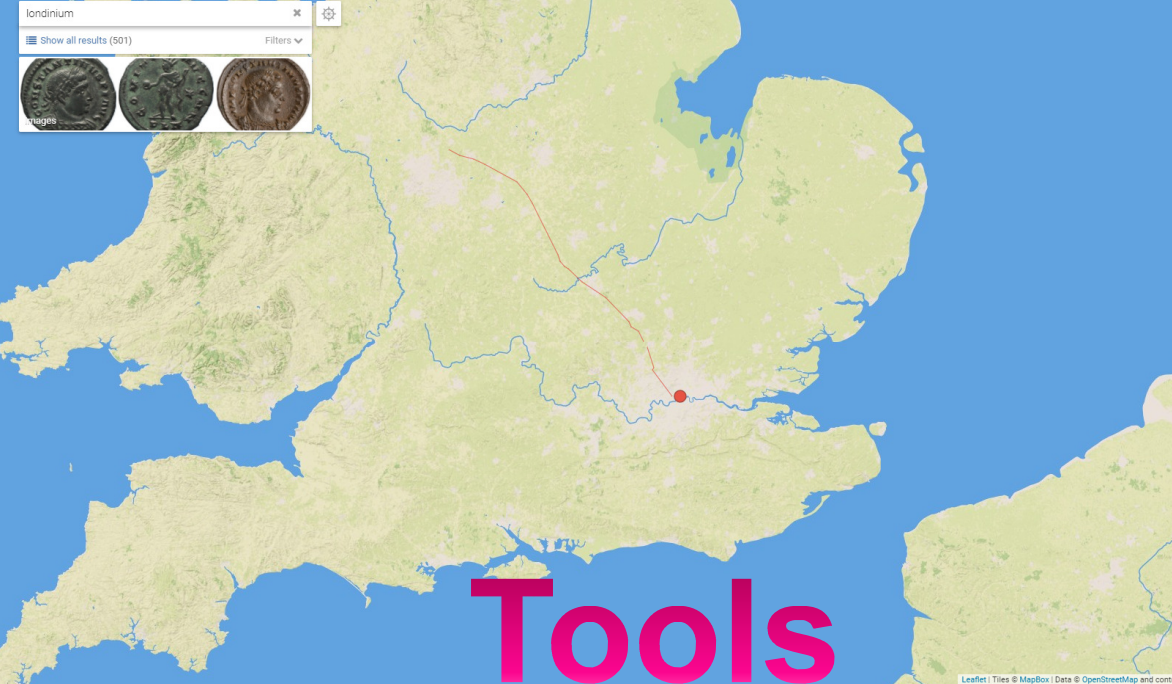
The *Journal of Open Humanities Data* (JOHD) features peer reviewed publications describing humanities data, software, and ontologies with high potential for reuse. We are currently inviting submissions of two varieties:

1. **Metapapers** describe humanities research objects with high reuse potential. This might include quantitative and qualitative data, software, algorithms, maps, simulations, ontologies etc. These are short (1000 word) highly structured narratives that must conform

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1. **John Slaorgan, Deception > bankruptcy, 13th October 1708.**
John Slaorgan, of London, Weaver, was Indicted upon an Act of Parliament made in the 5th Year of the Queen, for being a Bankrupt, and afterwards concealing 20 Guineas, and a Bill of Sir Henry Furnace for 150 l. with an intent to defraud his Creditors, co...
2. **John Restow, Deception > bankruptcy, 16th May 1711.**
John Restow of St. Mary Matfelin, Whitechappel, was indicted for Felony, in concealing and moving away his Goods to the Value of 500 l. with an Intent to defraud his Creditors (after he had been declared a Bankrupt) contrary to an Act of Parliament made ...
3. **Richard Towne, Deception > bankruptcy, 10th December 1712.**

Institutions

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Contributor Roles

‘controlled vocabularies in use do not fit digital humanities use cases’



<i>ID</i>	<i>DataCite-Property</i>	<i>Occ</i>	<i>Definition</i>	<i>Allowed values, examples, other constraints</i>
7.1	contributorType	1	The type of contributor of the resource.	<p>If Contributor is used, then contributorType is mandatory.</p> <p><i>Controlled List Values:</i></p> <ul style="list-style-type: none"> ContactPerson DataCollector DataCurator DataManager Distributor Editor HostingInstitution Producer ProjectLeader ProjectManager ProjectMember RegistrationAgency RegistrationAuthority RelatedPerson Researcher ResearchGroup RightsHolder Sponsor Supervisor WorkPackageLeader Other <p>See Appendix for definitions.</p>

contributor :: Property

<<http://bibfra.me/vocab/lite/contributor>> ⇔ <<http://bibfra.me/vocab/lite/contributor>>
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Label	contributor
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- author in quotations or text abstracts, etc.
- author of afterword, colophon, etc.
- author of dialog
- author of introduction, etc.
- author of screenplay, etc.
- autographer
- bibliographic antecedent
- binder
- binding designer
- blurb writer
- book designer
- book producer
- bookjacket designer
- bookplate designer
- bookseller
- bowdlerizer
- braille embosser
- broadcaster
- calligrapher
- cartographer
- caster
- censor
- chief electrician
- choreographer
- cinematographer
- client
- collaborator
- collection registrar
- collector
- colлотyper
- colorist
- commentator
- commentator for written text
- compiler
- complainant
- complainant-appellant
- complainant-appellee
- composer
- compositor
- conceptor
- conductor
- conservator
- consultant
- consultant to a project
- contestant
- contestant-appellant
- contestant-appellee
- contestee
- contestee-appellant
- contestee-appellee
- contractor
- contributor
- copier
- copyright claimant
- copyright holder
- corrector
- correspondent
- costume designer
- counterfeiter
- court governed
- court reporter
- cover designer
- creator
- creator
- curator
- curator of an exhibition
- current owner
- dancer
- data contributor
- data manager
- dedicatee
- dedicatee of item
- dedicator
- defendant
- defendant-appellant
- defendant-appellee
- degree granting institution
- degree grantor
- degree supervisor
- delineator
- depicted
- deponent
- depositor
- designer
- designer of binding
- designer of book
- designer of bookjacket
- designer of cover
- designer of e-book
- designer of type
- director
- director of photography
- dissertant
- distribution place
- distributor
- donor
- draftsman
- dubious author
- editor
- editor of compilation
- editor of moving image work
- electrician
- electrotypier
- enacting jurisdiction
- encoder
- engineer
- engraver
- etcher
- event place
- expert
- expurgator
- eyewitness
- facsimilist
- field director
- film director
- film distributor
- film editor
- film producer
- filmmaker
- first party
- forger
- former owner
- funder
- geographic information specialist
- geospatial information specialist
- graphic technician
- honoree
- honouree
- honouree of item
- host
- host institution
- host, supporting
- house electrician
- illuminator
- illustrator
- imprimatur
- inscriber
- instructor
- instrumentalist
- interviewee
- interviewer
- inventor
- issuing body
- joint author
- judge
- jurisdiction governed
- lab director
- laboratory
- laboratory director
- landscape architect
- lead
- lender
- libellant
- libellant-appellant
- libellant-appellee
- libelee
- libelee-appellant
- libelee-appellee
- librettist
- licensee
- licensor
- lighting designer
- lithographer
- lyricist
- manufacture place
- manufacturer
- marbler
- markup editor
- master electrician
- medium
- metadata contact
- metal-engraver
- minute taker
- moderator
- monitor
- motion picture editor
- moving image work editor
- music copyist
- musical director
- musician
- narrator
- observer
- onlooker
- onscreen presenter
- opponent
- organizer
- organizer of meeting
- originator
- other
- owner
- panelist
- papermaker
- patent applicant
- patent holder
- patent inventor
- patentee
- patron
- performer
- performer of research
- permitting agency
- photographer
- plaintiff
- plaintiff-appellant
- plaintiff-appellee

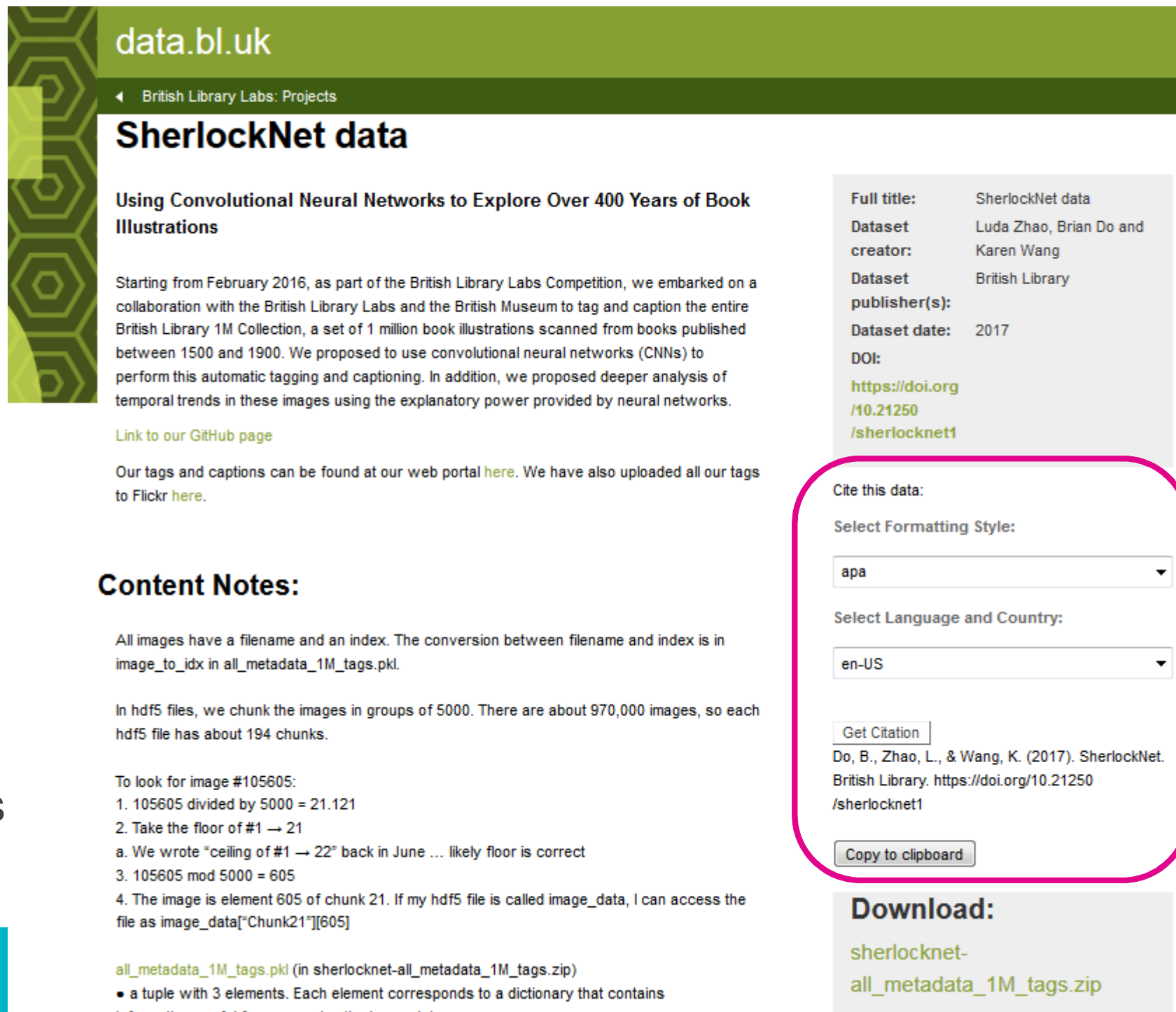
PID services

- ‘identify with the use cases for PIDs, but have difficulty identifying with examples from other academic fields’

Giving examples:

- data.bl.uk
- Providing citation formatting for humanities data

www.bl.uk



data.bl.uk

British Library Labs: Projects

SherlockNet data

Using Convolutional Neural Networks to Explore Over 400 Years of Book Illustrations

Starting from February 2016, as part of the British Library Labs Competition, we embarked on a collaboration with the British Library Labs and the British Museum to tag and caption the entire British Library 1M Collection, a set of 1 million book illustrations scanned from books published between 1500 and 1900. We proposed to use convolutional neural networks (CNNs) to perform this automatic tagging and captioning. In addition, we proposed deeper analysis of temporal trends in these images using the explanatory power provided by neural networks.

[Link to our GitHub page](#)

Our tags and captions can be found at our web portal [here](#). We have also uploaded all our tags to Flickr [here](#).

Content Notes:

All images have a filename and an index. The conversion between filename and index is in image_to_idx in all_metadata_1M_tags.pkl.

In hdf5 files, we chunk the images in groups of 5000. There are about 970,000 images, so each hdf5 file has about 194 chunks.

To look for image #105605:

1. 105605 divided by 5000 = 21.121
2. Take the floor of #1 → 21
 - a. We wrote "ceiling of #1 → 22" back in June ... likely floor is correct
3. 105605 mod 5000 = 605
4. The image is element 605 of chunk 21. If my hdf5 file is called image_data, I can access the file as image_data["Chunk21"][605]

[all_metadata_1M_tags.pkl](#) (in sherlocknet-all_metadata_1M_tags.zip)

- a tuple with 3 elements. Each element corresponds to a dictionary that contains information useful for accessing the image data.

Full title:	SherlockNet data
Dataset creator:	Luda Zhao, Brian Do and Karen Wang
Dataset publisher(s):	British Library
Dataset date:	2017
DOI:	https://doi.org/10.21250/sherlocknet1

Cite this data:

Select Formatting Style:

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