

# Building the Picture behind a Dataset

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British Library

# The collections – data.bl.uk

- Datasets derived from British Library Collections
- Assigned DataCite DOIs
- Well used collection 700+ resolutions Jan-Jun 2019
- Collection recently migrated to newly launched Shared Research Repository based on Samvera Hyku



# Methodology - Playbills

- Augmenting metadata of pilot datasets
- [Theatrical Playbills from Britain and Ireland](#)
  - Digitised series of bound volumes of playbills from theatres across the UK and Ireland from the mid 18<sup>th</sup> century to the mid 19<sup>th</sup> century
  - Added ISNIs for the theatres
  - Added ARK identifiers to link to the digitised files as online accessible

**Theatre Royal, Drury Lane.**

The Public is most respectfully informed that this Theatre having been entirely

**Re-Painted, Decorated, and Beautified,**

**WILL OPEN FOR THE SEASON**

**This Evening, WEDNESDAY, Oct. 1, 1834,**

When Their Majesties' Servants will perform the favorite Comedy of The

**Hypocrite!**

Doctor Cantwell, .... Mr. FARREN.  
Maw-worm, .... Mr. HARLEY.  
Sir John Lambert, Mr. YOUNGE, Col. Lambert, Mr. COOPER.  
Darnley, Mr. KING, Seward, Mr. WOOD.  
Old Lady Lambert, Mrs. C. JONES.  
Young Lady Lambert, .... Mrs. SLOMAN.  
Charlotte, Mrs. H. CRAMER, (from the T. R. Bath, her 1st Appearance on this Stage)  
Betty, Miss VIALS.

After which the popular Interlude of

**A GOOD LOOKING FELLOW,**

Mr. Johnston, Mr. BARTLEY, Narcissus Briggs, Mr. HARLEY.  
Frank, Mr. MEADOWS, Waggoner, Mr. TURNOUR.  
The Widow Pliant, .... Mrs. C. JONES.  
Ellen, Miss KENNETH, Marinetta, Miss TAYLOR.

To conclude with **Auber's Grand Opera** of

**Masaniello!**

Masaniello, .... (a Neapolitan Fisherman) .... Mr. SINCLAIR.  
(His first Appearance since his return from America.)  
Don Alphonso, .... Mr. TEMPLETON.  
Lorenzo, Mr. F. COOKE, Pietro, Mr. BEDFORD.  
Ruffino, Mr. TAYLEURE, Moreno, Mr. YARNOLD.  
Selva, (Officer of the Viceroy) Mr. HONNOR, Comissioner, Mr. FENTON.  
Spanish Nobles—Messrs. Cowin, Bruce, Richards, Taylor, Wells, Sewell, Hubert, Barclay.  
Guard of Honor—Mess. Alleroft, Birt, Chant, Galli, Healey, T. Jones, S. Jones, May, Miller, G. Smith.  
Neapolitan Fishermen, Lazzaroni Authorities of Naples, Lords, Attendants, Pages, Officers, Guards, &c.  
Elvira, (Bride of Alphonso) Miss BETTS, Miss Mrs. ALLCROFT.  
Fenella, (Masaniello's Sister) Madame PROCHE GIUBILEI.  
(From the King's Theatre, her first Appearance on this Stage.)  
Fishermen's Wives—Messrs. H. Cawse, Chester, Penley, Somerville, Boden, R. Boden, Counolly  
Neapolitan Peasants—Messrs. Dalton, Goodwin, Mapleson, Neville, Nursey.

**A BOLERO,** by Mr. GILBERT and Miss BALLIN,  
(Their First Appearance these Two Seasons)

Principal Dancers, with a numerous Corps de Ballet—Mesdames Baseke, S. Bennett, F. Sutton, Foster,  
Fairbrother, Hall, Hutton, Hill, Hunt, Jones, Lydia, Marchant, Marsano, Payne, Ryals, Valancy, &c

**Vivant Rex et Regina.** J. COOPER, Stage Manager.

**Mr. DENVIL**  
(From the Theatre Royal, Exeter) will make his First Appearance  
on this Stage, on Monday next, in the Character of SHYLOCK.

It having been suggested to the Lessee of the National Theatres, that some reduction in the  
Price of Admission to the Boxes would be acceptable to the Public, he has adopted it in the Circles above  
the Dress: at the same time, he begs leave respectfully to state, that the continuance of this reduced  
Scale of Admission will depend entirely on an increase of Patronage from the Public.

The Prices of Admission therefore will be, Dress Circle, First Price 7s.—Second Price 3s. 6d.—  
Upper Circles, First Price 5s. Second Price 3s.—Pit, First Price 3s. 6d. Second Price 2s.—Lower Gallery  
2s. Second Price 1s.—Upper Gallery 1s. Second Price 6d.

The Stalls will also be reduced to 7s.  
The Entrance to the Dress Circle will be from the right of the Rotunda in Brydges Street.  
The Entrance to the Upper Circles will be from the left of the Rotunda, in Brydges Street.


The BOX-OFFICE will be opened Daily, from Ten until Four o'Clock, under the superintendance of  
Mr. PARSONS, Box-Book Keeper, where Tickets, Places, Private and Family Boxes, may be secured.  
The Doors will be opened at Half-past Six, and the Performances commence at Seven o'Clock precisely.

Season Tickets may be had, on application at the Treasurer's Office.  
No Money returned. W. Wright, Printer, Theatre Royal, Drury Lane.

# Methodology - EThOS

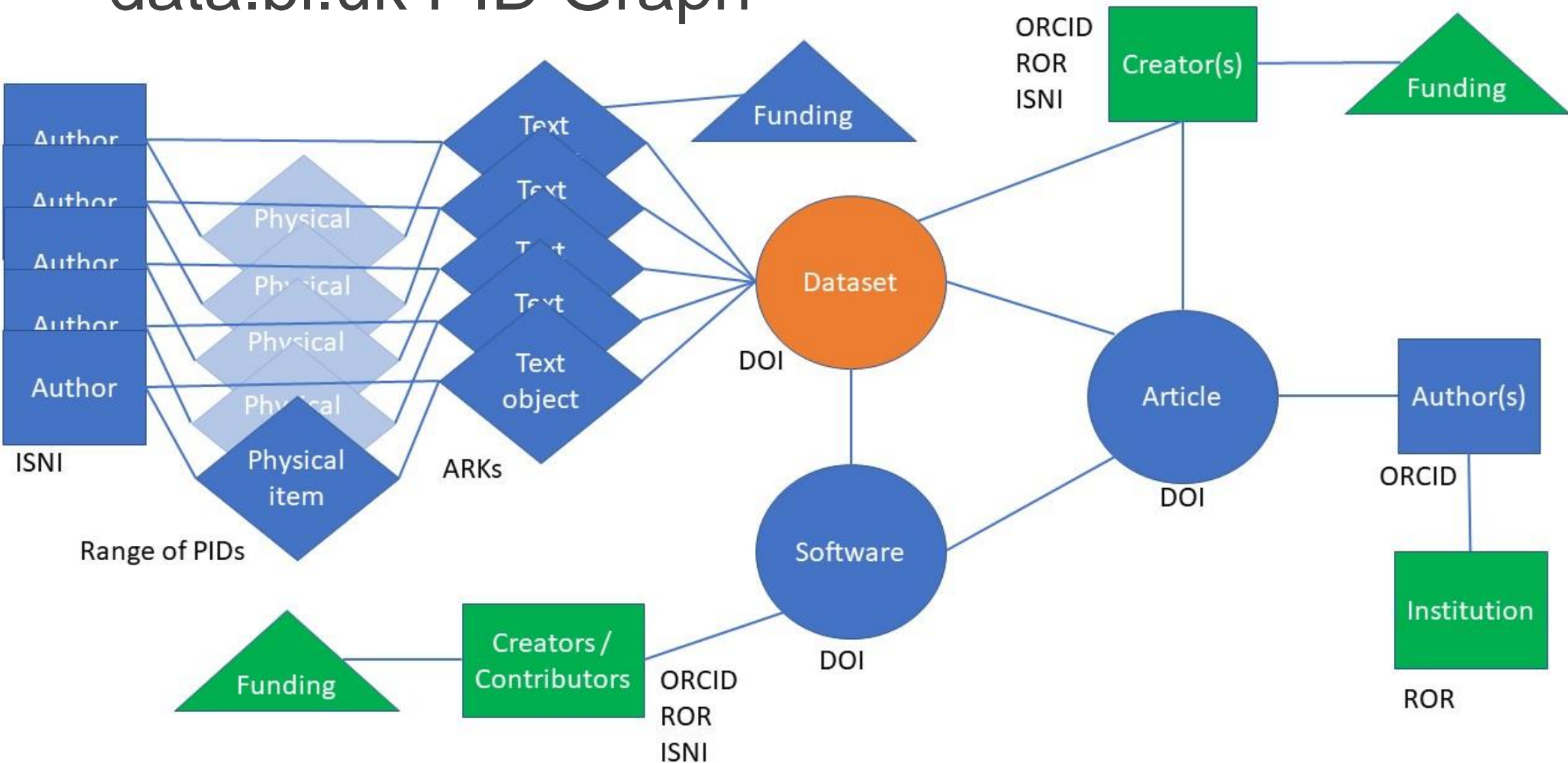
- Augmenting metadata of pilot datasets
- *UK Doctoral Thesis Metadata from EThOS*
  - Index of UK theses
  - Planned to be migrated to Hyku
  - Added ISNIs for the current institutions

Use this URL to cite or link to this record in EThOS: <https://ethos.bl.uk/OrderDetails.do?uin=uk.bl.ethos.787793>

 UNIVERSITY OF CAMBRIDGE

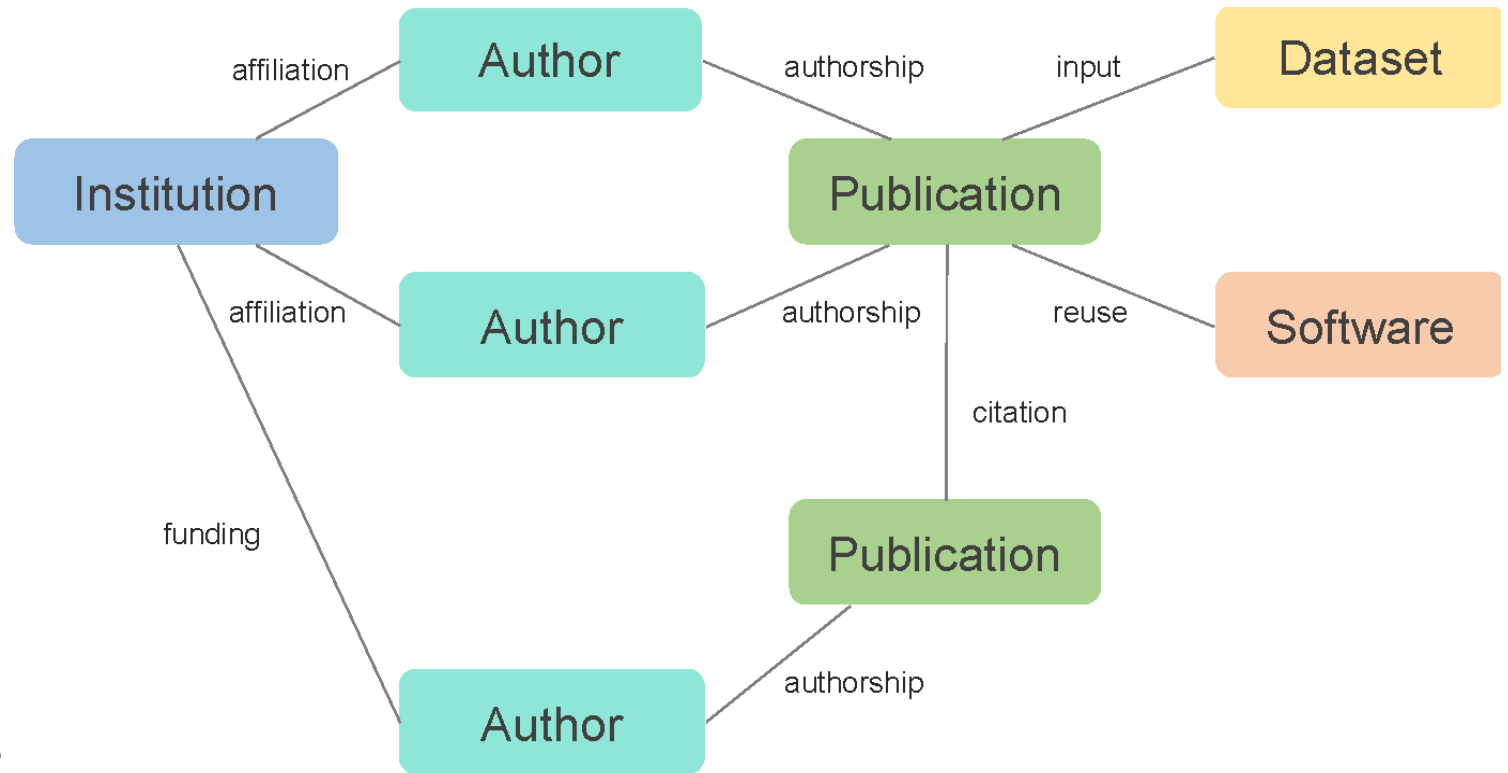
Title:	A screen for novel interactions within the vertebrate centriole		
Author:	Barnabas, Deepak David	ORCID: 0000-0003-3063-914X	ISNI: 0000 0004 7972 9039
Awarding Body:	University of Cambridge		
Current Institution:	University of Cambridge		
Date of Award:	2019		
Availability of Full Text:	Access from EThOS:	Full text unavailable from EThOS. Please try the link below.	
	Access from Institution:	<a href="https://www.repository.cam.ac.uk/handle/1810/297056">https://www.repository.cam.ac.uk/handle/1810/297056</a>	
<b>Abstract:</b>			
<p>The centrioles organize the centrosomes and cilia which play a role in cell division, motility, sensing, polarity, trafficking and signalling. There has been an increase in the understanding of centriole composition and function recently. However, the exact assembly mechanism of the centriole at the molecular level is only beginning to be understood. Knowledge of the canonical assembly mechanism is important to understand how centriole dysfunction materialises in the case of some human diseases. The identification of protein-protein interactions (PPIs) can progress our understanding of the assembly process. In this thesis, I follow two approaches towards this objective. First, I conduct a large-scale combinatorial screen of 3025 binary test pairs amongst a subset of 55 vertebrate centriole/centriole associated proteins. The screen detected 28% of the interactions identified already in the literature and further identified 67 novel binary PPIs within the vertebrate centriole. Of these, 13 are likely to be physiologically relevant due to colocalization of the components within the same centriolar sublocation. I then identify the minimal interaction regions (MIRs) of the proteins involved in these binary interactions and validate such interactions in the mammalian cell context. I perform diagnostic pull-down assays of these putative full-length binary protein complexes recombinantly expressed in insect cells with the aim of subjecting the complexes to structural/biophysical studies. Only 1 novel interaction eluted (PLK1-KIF24) robustly as a binary complex. I validate this interaction in-vitro using SEC-MALS and map the binding region further using NMR. In the second approach towards identifying novel PPIs, I attempt to purify literature-predicted putative multi-protein sub-complexes of the centriole. In summary, the main objective of this thesis has been achieved. The novel PPIs identified in this study, especially those with potential physiological relevance present a good starting point for future investigation. Further, the approach taken in this thesis could serve as a framework to explore other subcellular structures.</p>			
Supervisor:	van Breugel, Mark	Sponsor:	University of Cambridge ; Medical Research Council (MRC) ; Cambridge Cancer Centre
Qualification Name:	Thesis (Ph.D.)	Qualification Level:	Doctoral
EThOS ID:	uk.bl.ethos.787793	DOI:	10.17863/CAM.44114
Keywords:	molecular biology ; protein-protein interactions ; centriole		
Share:	<a href="#">f Share</a> <a href="#">Tweet</a> <a href="#">Share</a> <a href="#">Email</a> <a href="#">Share</a>		

# data.bl.uk PID Graph



# Background

























- Driven by work of FREYA project to enhance provenance of datasets
- Connecting using persistent identifiers to create provenance for datasets
- Help users of our datasets understand them 'at a glance'
- Increase trust in our datasets
- Experiment with FAIR Principles



European  
Commission

Horizon 2020  
European Union funding  
for Research & Innovation

## METADATA







































Resource type	Dataset
Collections	<a href="#">British Library Datasets</a>
Contributors	<p>Lyceum Theatre (London, England) (Other) </p> <p>Princess's Theatre (London, England) (Other) </p> <p>Theatre Royal (Bath, England) (Other) </p> <p>Theatre Royal (Birmingham, England) (Other) </p> <p>Theatre Royal (Bristol, England) (Other) </p> <p>Theatre Royal (Dublin, Ireland) (Other) </p> <p>Theatre Royal (Liverpool, England) (Other) </p> <p>Theatre Royal (Manchester, England) (Other) </p> <p>Theatre Royal (York, England) (Other) </p> <p>Olympic Theatre (London, England) (Other) </p> <p>Theatre Royal (Hull, England) (Other) </p> <p>Theatre Royal (King's Lynn, England) (Other) </p> <p>Theatre Royal (Edinburgh, Scotland) (Other) </p> <p>Theatre Royal (Stafford, England) (Other) </p> <p>Theatre Royal (Margate, England) (Other) </p> <p>Theatre Royal (Scarborough, England) (Other) </p> <p>Theatre Royal (Portsmouth, England) (Other) </p> <p>New Theatre Royal (Hull, England) (Other) </p> <p>Drayton Theatre (Market Drayton) (Other) </p> <p>Drury Lane Theatre (London, England) (Other) </p> <p>Covent Garden Theatre (Other) </p> <p>Haymarket Theatre (London, England) (Other) </p> <p>Old Vic Theatre (London, England) (Other) </p> <p>(Other) </p>
Institution	British Library
Publisher	British Library
Place of publication	London, UK
Official URL	<a href="https://doi.org/10.21250/pb1">https://doi.org/10.21250/pb1</a>
Related URL	<a href="https://doi.org/10.21250/pb2">https://doi.org/10.21250/pb2</a>
Licence	CC Public Domain Mark 1.0

*Theatrical Playbills from  
Britain and Ireland*

Related identifier	Related identifier: <a href="http://access.dl.bl.uk/ark:/81055/vdc_100022588689.0x000002">http://access.dl.bl.uk/ark:/81055/vdc_100022588689.0x000002</a> type: ARK relation: Has Part
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	Related identifier: <a href="http://access.dl.bl.uk/ark:/81055/vdc_100022588691.0x000002">http://access.dl.bl.uk/ark:/81055/vdc_100022588691.0x000002</a> type: ARK relation: Has Part
	Related identifier: <a href="http://access.dl.bl.uk/ark:/81055/vdc_100022588693.0x000002">http://access.dl.bl.uk/ark:/81055/vdc_100022588693.0x000002</a> type: ARK relation: Has Part
	Related identifier: <a href="http://access.dl.bl.uk/ark:/81055/vdc_100022588695.0x000002">http://access.dl.bl.uk/ark:/81055/vdc_100022588695.0x000002</a> type: ARK relation: Has Part
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	Related identifier: <a href="http://access.dl.bl.uk/ark:/81055/vdc_100022588707.0x000002">http://access.dl.bl.uk/ark:/81055/vdc_100022588707.0x000002</a> type: ARK relation: Has Part
	Related identifier: <a href="http://access.dl.bl.uk/ark:/81055/vdc_100022588709.0x000002">http://access.dl.bl.uk/ark:/81055/vdc_100022588709.0x000002</a> type: ARK relation: Has Part
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## *Theatrical Playbills from Britain and Ireland*



Abertay University (Other)   
 Aberystwyth University (Other)   
 Anglia Ruskin University (Other)   
 Aston University (Other)   
 Bangor University (Other)   
 Bath Spa University (Other)   
 Birkbeck (University of London) (Other)   
 Birmingham City University (Other)   
 Bournemouth University (Other)   
 Brunel University (Other)   
 Bucks New University (Other)   
 Canterbury Christ Church University (Other)   
 Cardiff Metropolitan University (Other)   
 Cardiff University (Other)   
 City, University of London (Other)   
 Coventry University (Other)   
 Cranfield University (Other)   
 De Montfort University (Other)   
 Durham University (Other)   
 Edge Hill University (Other)   
 Edinburgh Napier University (Other)   
 Glasgow Caledonian University (Other)   
 Glasgow School of Art (Other)   
 Glyndwr University (Other)   
 Goldsmiths College (University of London) (Other)   
 Harper Adams University College (Other)   
 Heriot-Watt University (Other)   
 Imperial College London (Other)   
 Institute of Advanced Legal Studies (Other)   
 Institute of Cancer Research (University Of London) (Other)   
 Institute of Classical Studies (Other)   
 Institute of Commonwealth Studies (Other)   
 Institute of Historical Research (University of London) (Other)   
 Keele University (Other)   
 King's College London (University of London) (Other)   
 Kingston University (Other)   
 Lambeth Palace Library (Other)   
 Lancaster University (Other)   
 Leeds Beckett University (Other)   
 Liverpool Hope University (Other)   
 Liverpool John Moores University (Other)   
 London Business School (University of London) (Other) 

# Findings











- Number of identifiers
- Display issues
- Issues with DataCite metadata schema – novelty of the use case



The image shows a vertical strip of a website interface. At the top, there is a header with a logo and some navigation elements. Below the header is a long, narrow list of entries, each containing text and possibly small icons or links. The text is too small to read clearly, but it appears to be a list of items, possibly related to the title 'Theatrical Playbills from Britain and Ireland'.

*Theatrical Playbills from  
Britain and Ireland*

# How to accommodate different types of identifier in a record?

Resource type	Doctoral thesis
Contributors	Evans, N. Wyn (Supervisor)   Belokurov, Vasily  
Institution	British Library  
Funder	Science and Technology Facilities Council (STFC) 
Publisher	University of Cambridge 
Current HE Institution	University of Cambridge  
Official URL	<a href="https://doi.org/10.17863/CAM.30979">https://doi.org/10.17863/CAM.30979</a>
Related URL	<a href="https://ethos.bl.uk/OrderDetails.do?uin=uk.bl.ethos.763637">https://ethos.bl.uk/OrderDetails.do?uin=uk.bl.ethos.763637</a> <a href="https://www.repository.cam.ac.uk/handle/1810/283611">https://www.repository.cam.ac.uk/handle/1810/283611</a>
DOI	<a href="https://doi.org/10.17863/CAM.30979">doi.org/10.17863/CAM.30979</a>
Qualification name	PhD

# Contributor vs Related Identifier

- Original intention to add ISNIs as related identifier
- Not allowed under DataCite Metadata Schema v4.3
- Contributor type restricted list
- Chose Contributor Type 'Other'
- Not sure it accurately reflects relationship
  - e.g. Did the theatres contribute to the dataset?

- ContactPerson
- DataCollector
- DataCurator
- DataManager
- DistributorEditor
- HostingInstitution
- Producer
- ProjectLeader
- ProjectManager
- ProjectMember
- RegistrationAgency
- RegistrationAuthority
- RelatedPerson
- Researcher
- ResearchGroup
- RightsHolder
- Sponsor
- Supervisor
- WorkPackageLeader


# Next Steps at British Library

- Developing workflow with British Library Labs for adding new datasets
- Adding more datasets especially with provenance information – already underway
- Datasets Derived from 19<sup>th</sup> Century Books – nine datasets added to date

[← Return to shared search results](#) ×

**DATASET**

## Latin American books in Digitised 19th century books


British Library  British Library Labs

2019

**ABSTRACT**

A dataset which is derived from the 19th Century Books dataset comprising c.1,100 books which are related to Latin America, written in Spanish, English, German, French, Italian, Swedish and Dutch.

**FILES**

 There is 1 file associated with this work, which is available for download.  
[Click here to view the file.](#)

**METADATA**

Resource type	Dataset
Collections	<a href="#">British Library Datasets</a>
Contributors	Davies, Catherine (Data Curator)
Institution	British Library
Publisher	British Library
Place of publication	London, UK
Official URL	<a href="https://doi.org/10.23636/1141">https://doi.org/10.23636/1141</a>
DOI	<a href="https://doi.org/10.23636/1141">doi.org/10.23636/1141</a>
Related identifier	Related identifier: <a href="https://doi.org/10.21250/DB21">https://doi.org/10.21250/DB21</a> type: DOI relation: Is Derived From
Keywords	bibliographic books Latin America metadata

**Download citation (RIS)**

**Share this work** ▾

Collections

[British Library Datasets](#)

# Next steps for DataCite Metadata

- Working on v.5 of DataCite Metadata schema, not backwards compatible
- Incorporating the FAIR principles
- Controlled vocabularies e.g. DDI and CREDiT taxonomy



Thank you