



OXLOD Open Workshop

10 July 2018 - OeRC

13.00:

Integration and LOD intro: Athanasios Velios

Bate collection: Andrew Lamb

Pitt-Rivers: Tim Myatt

OpenRefine: Sarah Joomun

Data mapping: Athanasios Velios





Larger sample →
Better conclusions



Data integration





Harpsichord by Alessandro Trasuntino, Venice, 1531, Royal College of Music Museum



The UK's largest online collection of historical musical instruments.



Inns of Court and City Yeomanry
Museum [12]

International Anthony Burgess
Foundation [54]

Kent & Sharpshooters Yeomanry
Museum [4]

Kirklees Museums and Galleries
[76]

Manchester Museum [52]

Manx National Heritage [74]

Market Lavington Museum [3]

McLean Museum and Art Gallery
[22]

Milton Keynes Museum [72]

Morpeth Chantry Bagpipe Museum
[40]

Museum of Archaeology and
Anthropology, University of
Cambridge [304]

Museum of Army Music [334]

National Trust, Castle Drogo [2]

National Trust, Charlecote Park [1]

National Trust, Chastleton House
[2]

National Trust, Cherryburn [1]

National Trust, Chirk Castle [3]

National Trust, Clumber Park [1]

National Trust, Coleton Fishacre [1]

National Trust, Cotehele [3]

National Trust, Coughton Court [1]

National Trust, Cragside [3]

National Trust, Croft Castle [1]

National Trust, Dinton [1]

National Trust, Dudmaston [2]

National Trust, Dunham Massey [3]

National Trust, Dunster Castle [3]

National Trust, Wightwick Manor
[4]

National Trust, Wimpole Estate [3]

National Trust, Wordsworth House
[1]

Peterborough Museum & Art
Gallery [2]

Petrie Museum [110]

Pitt Rivers Museum [3987]

Powell-Cotton Museum [134]

Royal Academy of Music Museum
[617]

Royal Albert Memorial Museum
[14]

Royal Botanic Gardens, Kew [98]

Royal Collection Trust [49]

Royal College of Music Museum
[897]

Royal Conservatoire of Scotland
[797]

Browse by collection



Browse by instrument family

Search for instruments



[View Collections map](#)

Instrument Collection

American Museum in Britain [19]

Ashmolean Museum [61]

Ashwell Village Museum [5]

Bate Collection, Oxford [1727]

Benjamin Franklin House [1]

Birmingham Conservatoire [158]

Bristol Museums [107]

British Museum [2255]

Burton Constable Hall [4]

Cliffe Castle Museum [95]

Cobbe Collection [40]

Colchester and Ipswich Museums [30]

House [1]

National Trust for Scotland, Hill of Tarvit [2]

National Trust for Scotland, Holmwood [1]

National Trust for Scotland, House of Dun [4]

National Trust for Scotland, Inverewe House [2]

National Trust for Scotland, Kellie Castle [1]

National Trust for Scotland, Leith Hall [5]

National Trust for Scotland, Mar Lodge [3]

National Trust for Scotland, Newhailes [3]

National Trust, Nymans [1]

National Trust, Osterley Park [8]

National Trust, Owllets [1]

National Trust, Packwood House [1]

National Trust, Peckover House [1]

National Trust, Penrhyn Castle [3]

National Trust, Petworth [2]

National Trust, Polesdon Lacey [1]

National Trust, Powis Castle [3]

National Trust, Quebec House [1]

National Trust, Rufford Old Hall [2]

National Trust, Saltram [3]



Explore

Facets

Class of instrument

- unset [28]
- Electronic instruments [4]
- Elements of musical instruments [65]

Show more

Type of instrument

- unset [28]
- 'Ud [1]
- Accordion [2]

Show more

Date

- unset [488]
- 1667 [1]
- 16th century [2]

Show more

Location of production

Search for an instrument...



Collection = "Bate Collection, Oxford" X

Collection: Bate Collection, Oxford



Showing 1727 results

Hide images

Transverse Flute; System Flute

Place of production: UK?

Collection: Bate Collection, Oxford





Back to
results

Chalumeau

Chalumeau, reed instrument, straight wooden tube with seven fingerholes (the last two double holes) and a thumbhole and a plastic and metal mouthpiece like that of a clarinet, fitted with a reed.

Date:

20th century

Maker:

Adler [Corporation]

Collection:

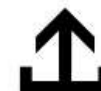
Bate Collection, Oxford

Inventory number:

4155

Place of production:

Germany, Saxony, Markneukirchen



Share

Further Information





Back to results

Chalumeau

Chalumeau, reed instrument, straight wooden tube with seven fingerholes (the last two double holes) and a thumbhole and a plastic and metal mouthpiece like that of a clarinet, fitted with a reed.

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20th century

Maker:

Adler [Corporation]

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Bate Collection, Oxford

Inventory number:

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Place of production:

Germany, Saxony, Markneukirchen



Share

Further Information

Materials: Wood;Plant;Metal;Plastic;Synthetic

Inscriptions: ADLER [above fingerholes] Made in Germany [above thumbhole]
BUFFET Crampons Cie A PARIS [on mouthpiece]

Repository: Bate Collection, Oxford

Measurements

Measurements: Max L = 346 mm Max Diam = 27 mm

Europe

Germany

Markneukirchen

7/25, what is missing?

- Condition
- Donation date
- Acoustic measure
- etc...

7/25, what is missing?

- Condition
- Donation date
- Acoustic measure
- etc...

OK, let's add them:





BATE COLLECTION

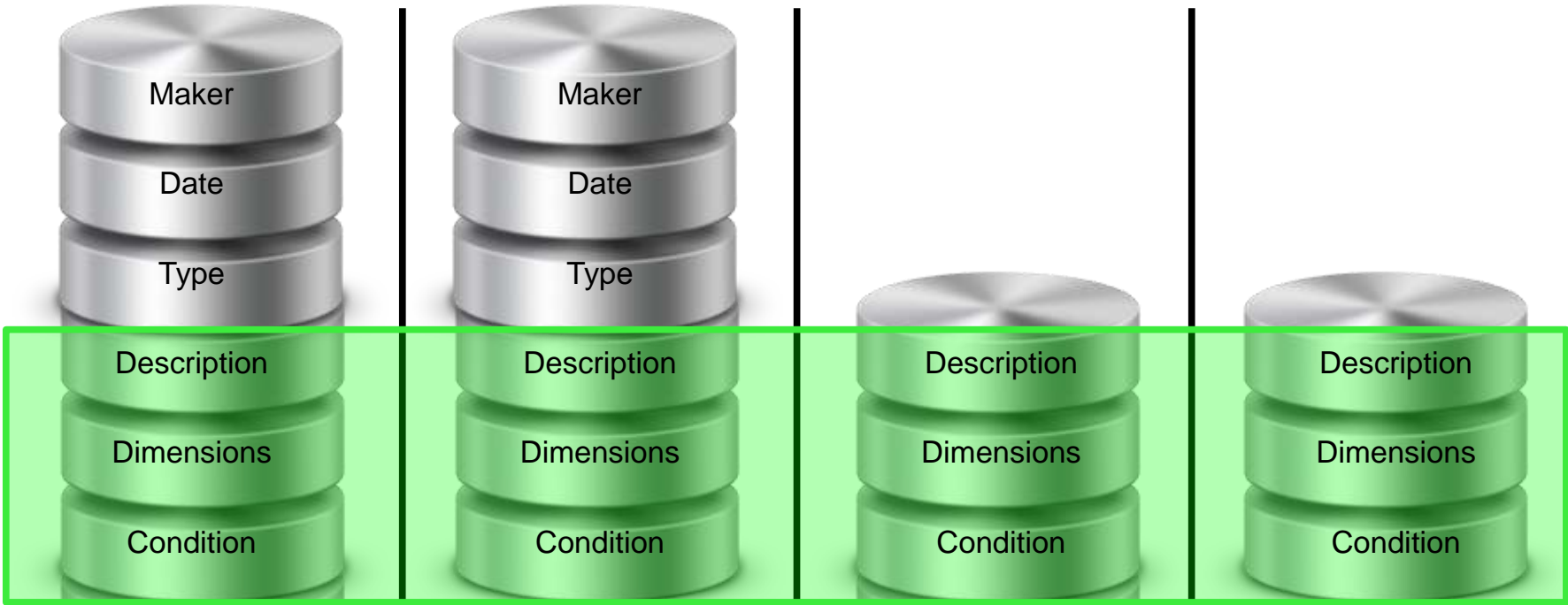


BATE COLLECTION



ASHMOLEAN
ASSEMBLY OF THE UNIVERSITY OF OXFORD





Integration

- Impractical to include everything
- Partial integration after reduction



BATE COLLECTION



ASHMOLEAN

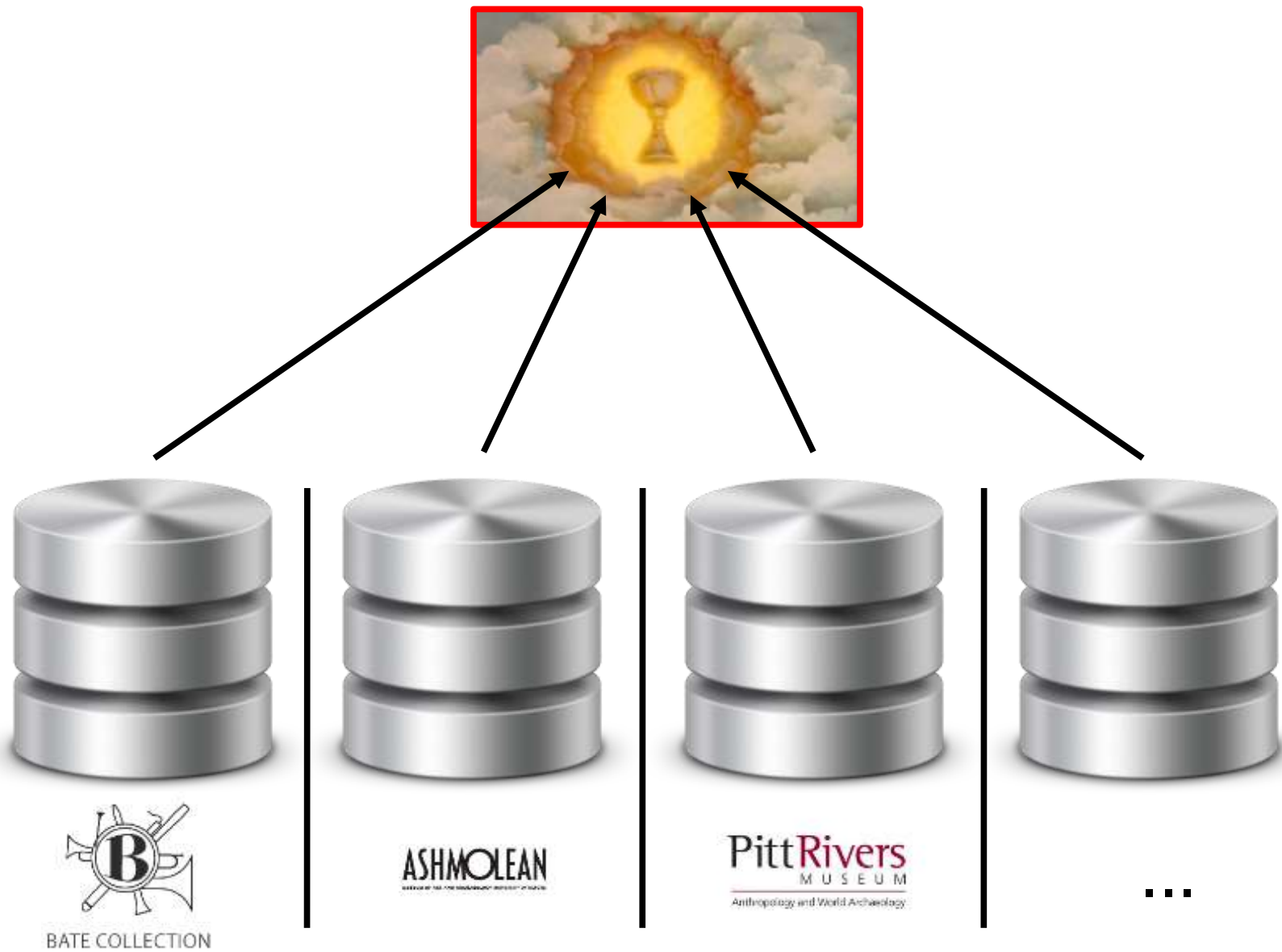


PittRivers
MUSEUM
Anthropology and World Archaeology

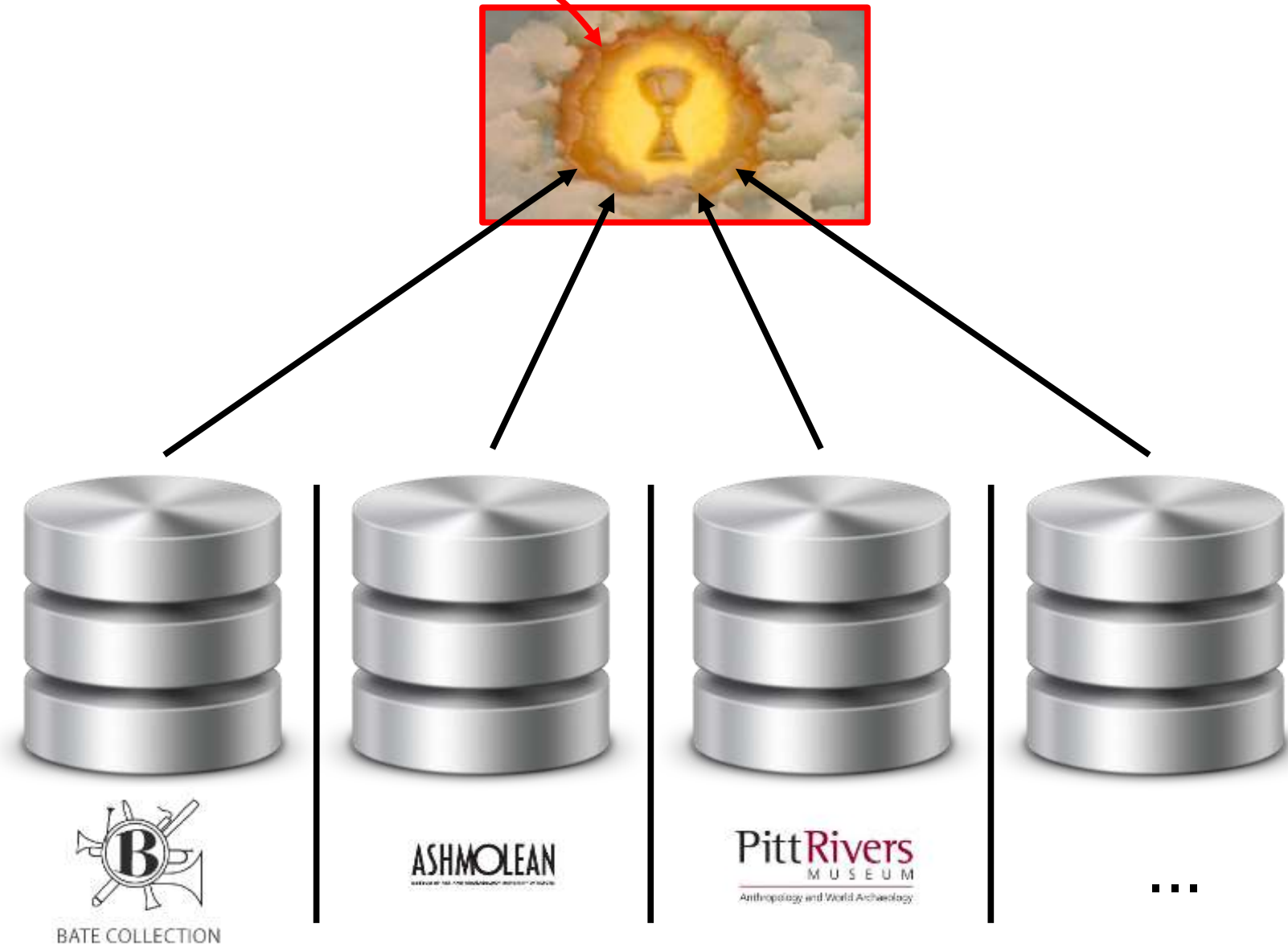


...





ontology



Ontology



- Provides properties to link entities
 - CIDOC-CRM
 - heritage ontology

The screenshot shows the homepage of the CIDOC CRM website. At the top, there is a dark header with the ICOM logo and the text 'ICOM INTERNATIONAL COMMITTEE FOR DOCUMENTATION'. Below this, the 'CIDOC CRM' logo is prominently displayed, with 'CONCEPTUAL REFERENCE MODEL' written to its right. A navigation menu includes links for 'Home', 'The Model', 'Activities', 'Resources', and 'News'. A search bar is located on the right side of the page. The main content area is divided into two columns. The left column, titled 'What's New?', lists recent updates such as a meeting in February 2016 and a new version of the CRMgeo. The right column, titled 'Home', contains two sections: 'What is the CIDOC CRM?' which explains the model's purpose in providing a common semantic framework, and 'Who we are' which describes the work of the CIDOC Documentation Standards Working Group (DSWG) and the CIDOC CRM SIG, including their efforts towards ISO standardization.

Integration

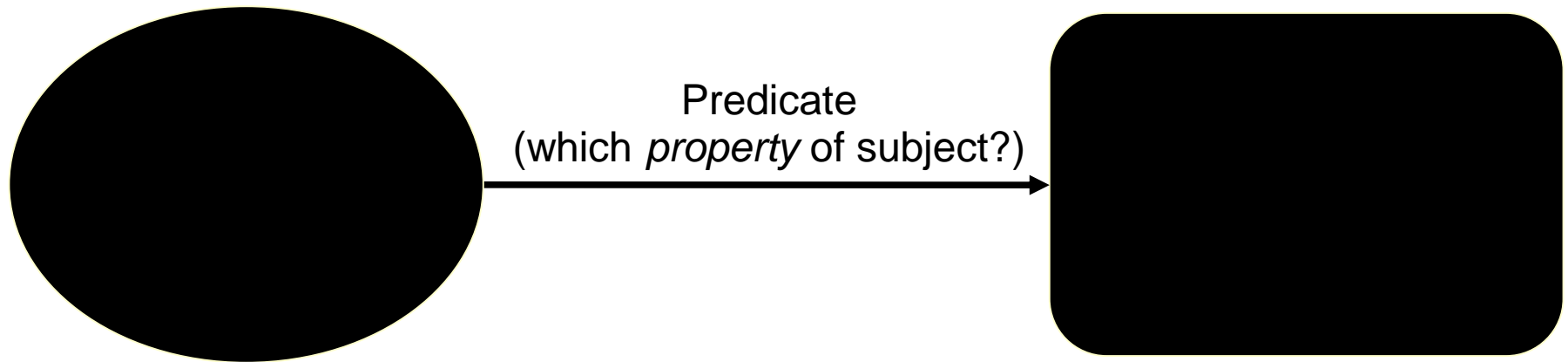
- Impractical to include everything
- Partial integration after reduction
- Matching across dbs is difficult to maintain

- Integration through abstract entities

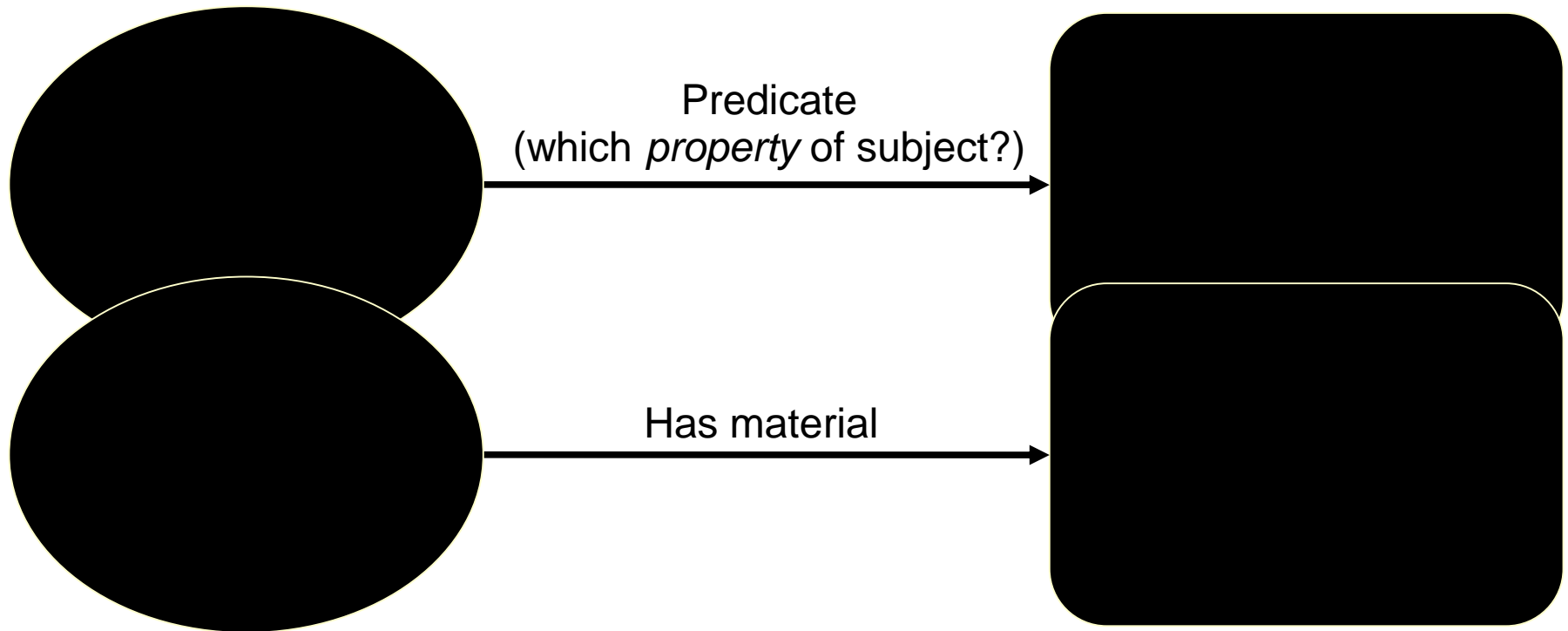
Linked Data

- World Wide Web Consortium
 - Tim Berners-Lee five star open data
 - <http://5stardata.info/en/>
- Resource Description Framework (RDF)

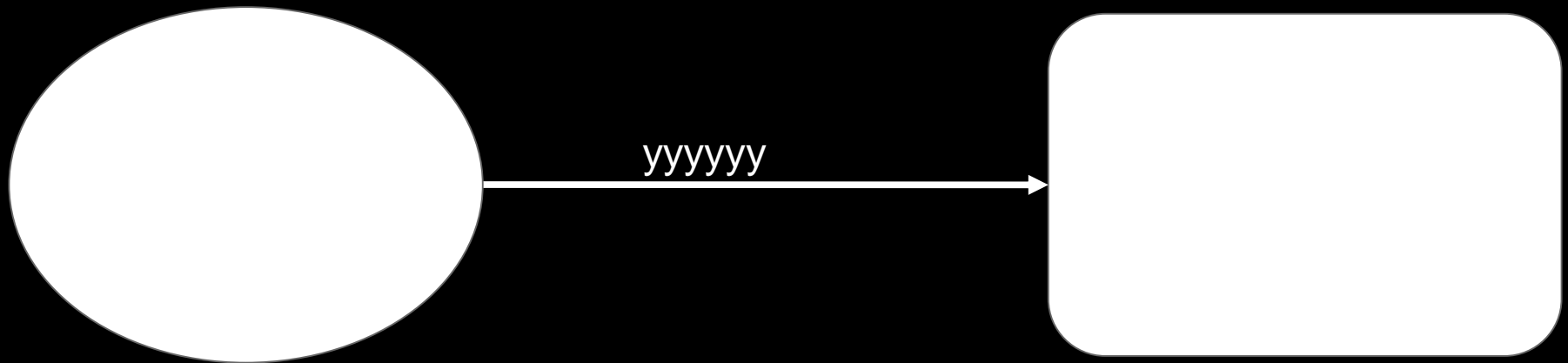
Resource Description Framework



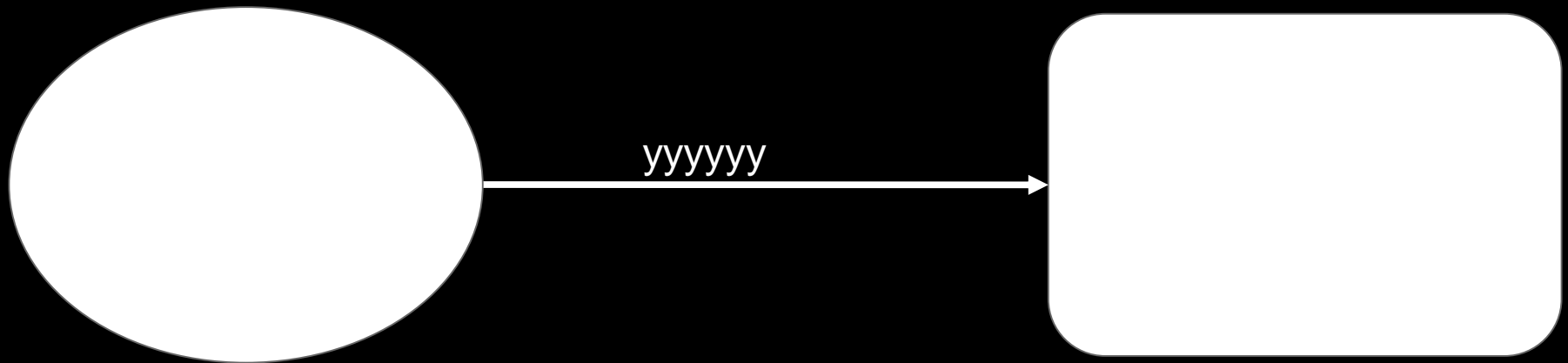
Resource Description Framework



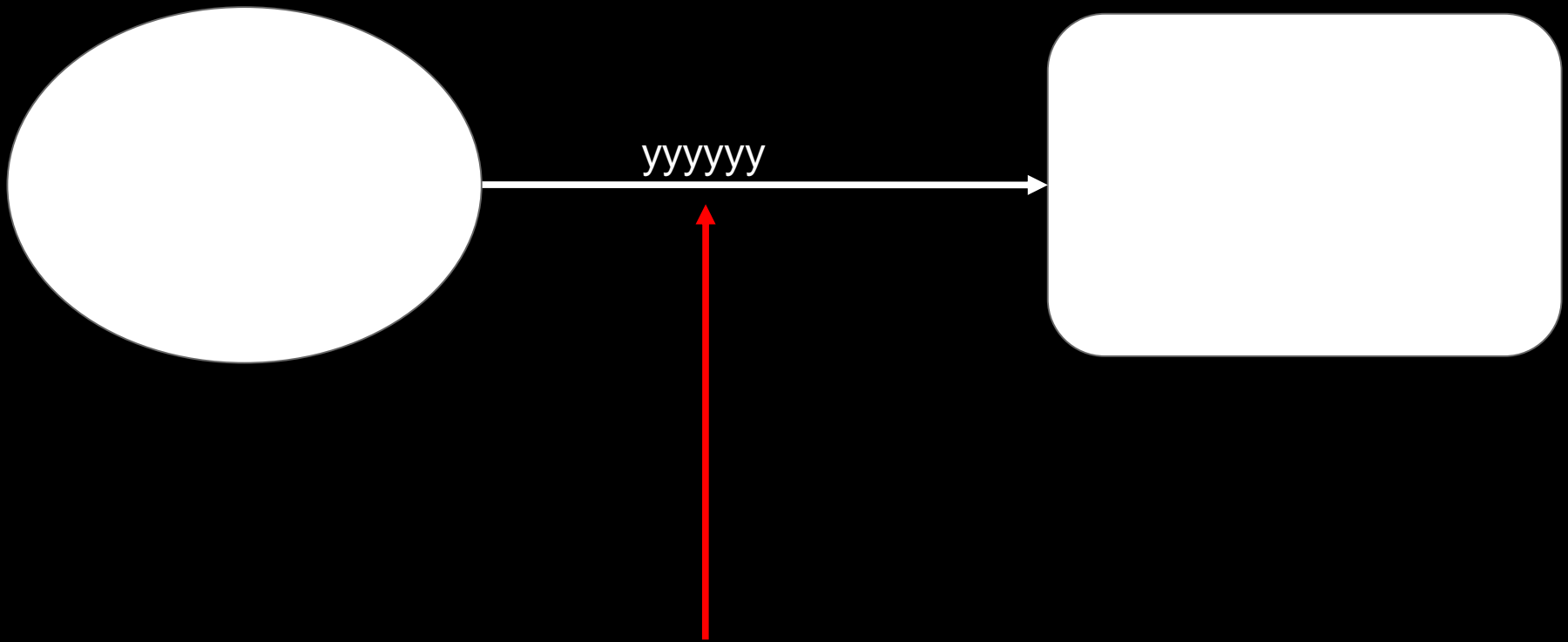
Resource Description Framework



Resource Description Framework



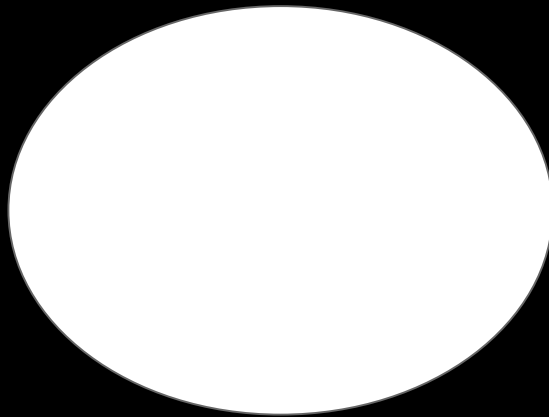
Resource Description Framework



Resource Description Framework



yyyyyy, located at
<http://www.cidoc-crm.org/>
P45_consists_of



Linked Data

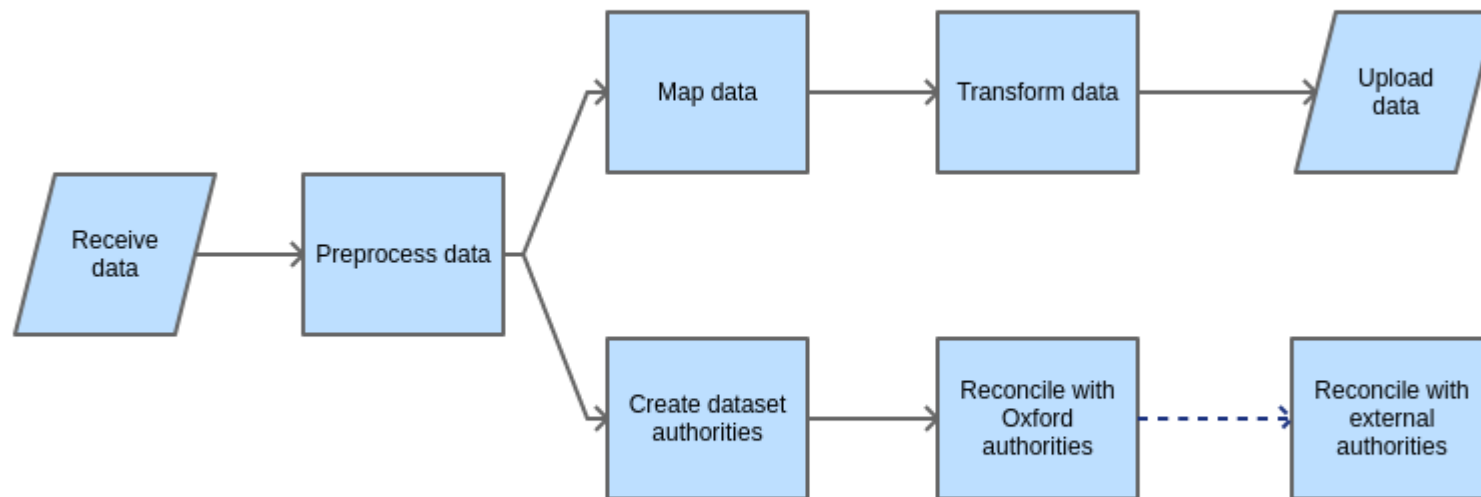
- World Wide Web Consortium
 - Tim Berners-Lee five star open data
 - <http://5stardata.info/en/>
- Resource Description Framework (RDF)
- Universal Resource Identifiers (URI)

Linked Data

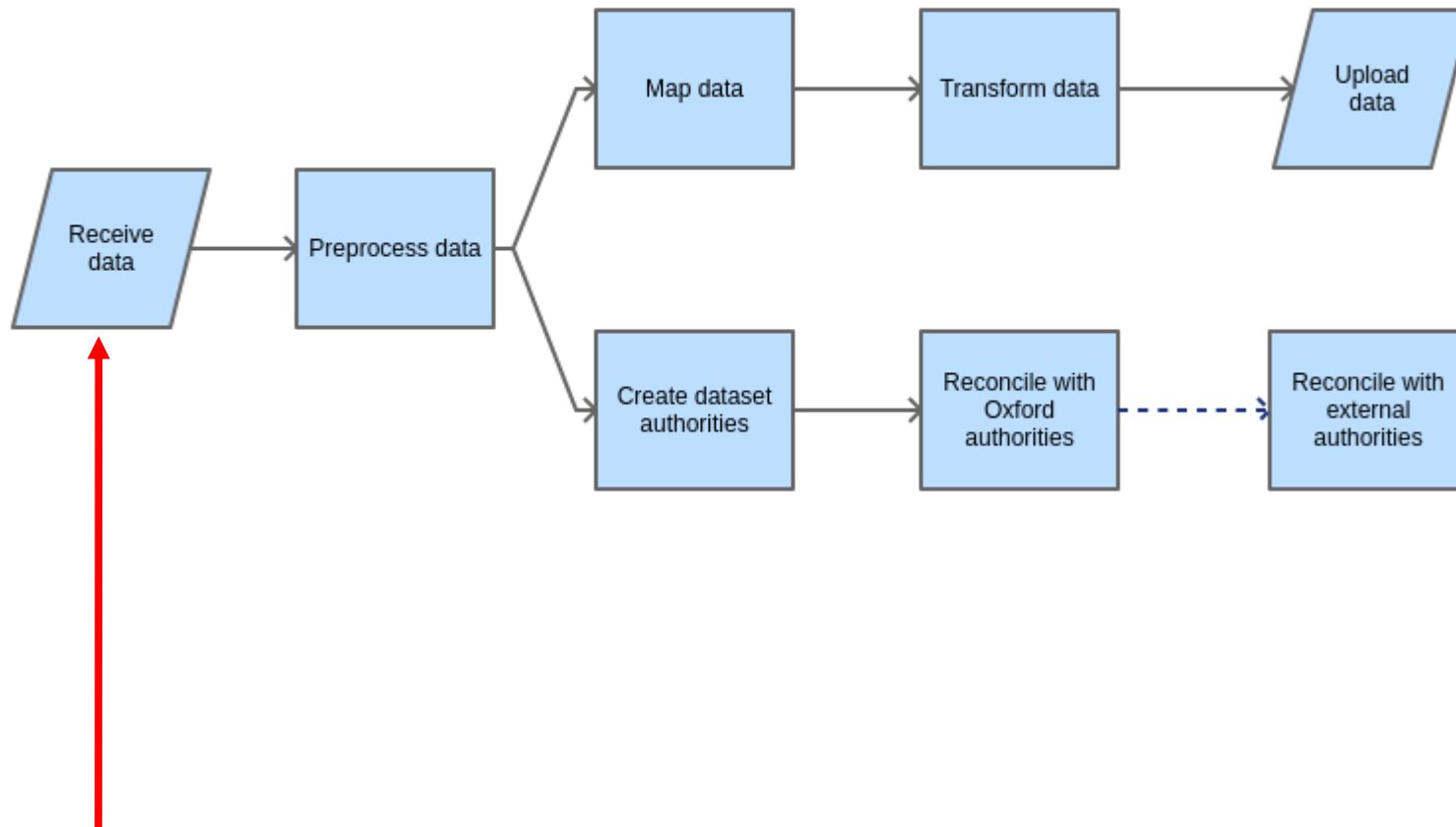
- World Wide Web Consortium
 - Tim Berners-Lee five star open data
 - <http://5stardata.info/en/>
- Resource Description Framework (RDF)
- Universal Resource Identifiers (URI)
- SPARQL (search triple-statements)

s	p	
http://www.mhs.ox.ac.uk/authority/places/japan	http://slobr.linkedmusic.org/salt/in_saltset	http://www.mhs.ox.ac.uk/authority/places/
http://www.mhs.ox.ac.uk/authority/places/japan	http://www.cidoc-crm.org/cidoc-crm/P1_is_identified_by	http://www.mhs.ox.ac.uk/authority/places/japan/appellation
http://www.mhs.ox.ac.uk/authority/places/japan	rdf:type	http://www.cidoc-crm.org/cidoc-crm/E53_Place
http://www.mhs.ox.ac.uk/authority/places/japan	rdfs:label	Japan
http://www.mhs.ox.ac.uk/authority/places/japan/appellation	rdf:type	http://www.cidoc-crm.org/cidoc-crm/E41_Appellation
http://www.mhs.ox.ac.uk/authority/places/japan/appellation	rdfs:label	Japan
http://www.mhs.ox.ac.uk/object/inv/11390	http://www.cidoc-crm.org/cidoc-crm/P102_has_title	http://www.mhs.ox.ac.uk/object/inv/11390/title
http://www.mhs.ox.ac.uk/object/inv/11390	http://www.cidoc-crm.org/cidoc-crm/P108i_was_produced_by	urn:uuid:8e5c6f72-e1df-4200-9916-4f9ad114187f
http://www.mhs.ox.ac.uk/object/inv/11390	http://www.cidoc-crm.org/cidoc-crm/P2_has_type	http://www.mhs.ox.ac.uk/authority/terms/balance
http://www.mhs.ox.ac.uk/object/inv/11390	http://www.cidoc-crm.org/cidoc-crm/P3_has_note	Dotchin; in parts comprising of ivory beam and attached brass
http://www.mhs.ox.ac.uk/object/inv/11390	http://www.cidoc-crm.org/cidoc-crm/P45_consists_of	http://www.mhs.ox.ac.uk/authority/terms/brass
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http://www.mhs.ox.ac.uk/object/inv/11390	http://www.cidoc-crm.org/cidoc-crm/P45_consists_of	http://www.mhs.ox.ac.uk/authority/terms/ivory
http://www.mhs.ox.ac.uk/object/inv/11390	http://www.cidoc-crm.org/cidoc-crm/P45_consists_of	http://www.mhs.ox.ac.uk/authority/terms/metal
http://www.mhs.ox.ac.uk/object/inv/11390	http://www.cidoc-crm.org/cidoc-crm/P45_consists_of	http://www.mhs.ox.ac.uk/authority/terms/silk
http://www.mhs.ox.ac.uk/object/inv/11390	http://www.cidoc-crm.org/cidoc-crm/P45_consists_of	http://www.mhs.ox.ac.uk/authority/terms/wood
http://www.mhs.ox.ac.uk/object/inv/11390	http://www.cidoc-crm.org/cidoc-crm/P48_has_preferred_identifier	http://www.mhs.ox.ac.uk/object/inv/11390/identifier
http://www.mhs.ox.ac.uk/object/inv/11390	rdf:type	http://www.cidoc-crm.org/cidoc-crm/E22_Man-Made_Object
http://www.mhs.ox.ac.uk/object/inv/11390	rdfs:label	11390 Chinese Dotchin in case
http://www.mhs.ox.ac.uk/object/inv/11390/identifier	rdf:type	http://www.cidoc-crm.org/cidoc-crm/E42_Identifier
http://www.mhs.ox.ac.uk/object/inv/11390/identifier	rdfs:label	11390
http://www.mhs.ox.ac.uk/object/inv/11390/title	rdf:type	http://www.cidoc-crm.org/cidoc-crm/E35_Title
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http://www.mhs.ox.ac.uk/object/inv/11391	http://www.cidoc-crm.org/cidoc-crm/P108i_was_produced_by	urn:uuid:eb90d4f0-93bb-41c4-a82a-1a2a70317feb
http://www.mhs.ox.ac.uk/object/inv/11391	http://www.cidoc-crm.org/cidoc-crm/P2_has_type	http://www.mhs.ox.ac.uk/authority/terms/balance
http://www.mhs.ox.ac.uk/object/inv/11391	http://www.cidoc-crm.org/cidoc-crm/P3_has_note	Dotchin; in parts comprising ivory beam, brass pan and weight
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http://www.mhs.ox.ac.uk/object/inv/11391	http://www.cidoc-crm.org/cidoc-crm/P45_consists_of	http://www.mhs.ox.ac.uk/authority/terms/fabric
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http://www.mhs.ox.ac.uk/object/inv/11391	http://www.cidoc-crm.org/cidoc-crm/P48_has_preferred_identifier	http://www.mhs.ox.ac.uk/object/inv/11391/identifier
http://www.mhs.ox.ac.uk/object/inv/11391	rdf:type	http://www.cidoc-crm.org/cidoc-crm/E22_Man-Made_Object
http://www.mhs.ox.ac.uk/object/inv/11391	rdfs:label	11391 Chinese Dotchin with case
http://www.mhs.ox.ac.uk/object/inv/11391/identifier	rdf:type	http://www.cidoc-crm.org/cidoc-crm/E42_Identifier
http://www.mhs.ox.ac.uk/object/inv/11391/identifier	rdfs:label	11391
http://www.mhs.ox.ac.uk/object/inv/11391/title	rdf:type	http://www.cidoc-crm.org/cidoc-crm/E35_Title
http://www.mhs.ox.ac.uk/object/inv/11391/title	rdfs:label	Chinese Dotchin with case
http://www.mhs.ox.ac.uk/object/inv/11392	http://www.cidoc-crm.org/cidoc-crm/P102_has_title	http://www.mhs.ox.ac.uk/object/inv/11392/title
http://www.mhs.ox.ac.uk/object/inv/11392	http://www.cidoc-crm.org/cidoc-crm/P108i_was_produced_by	urn:uuid:e11dde60-5f4d-409f-a054-fcea71e8696c
http://www.mhs.ox.ac.uk/object/inv/11392	http://www.cidoc-crm.org/cidoc-crm/P2_has_type	http://www.mhs.ox.ac.uk/authority/terms/balance
http://www.mhs.ox.ac.uk/object/inv/11392	http://www.cidoc-crm.org/cidoc-crm/P3_has_note	Dotchin; comprising of attached ivory beam and brass pan in w
http://www.mhs.ox.ac.uk/object/inv/11392	http://www.cidoc-crm.org/cidoc-crm/P45_consists_of	http://www.mhs.ox.ac.uk/authority/terms/brass
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http://www.mhs.ox.ac.uk/object/inv/11392	http://www.cidoc-crm.org/cidoc-crm/P45_consists_of	http://www.mhs.ox.ac.uk/authority/terms/metal
http://www.mhs.ox.ac.uk/object/inv/11392	http://www.cidoc-crm.org/cidoc-crm/P45_consists_of	http://www.mhs.ox.ac.uk/authority/terms/silk
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http://www.mhs.ox.ac.uk/object/inv/11392	rdf:type	http://www.cidoc-crm.org/cidoc-crm/E22_Man-Made_Object

OXLOD workflow



OXLOD workflow



Museum Documentation

at the

BATE
COLLECTION

BATE COLLECTION

- 2573 Objects
- Archives
- Storage



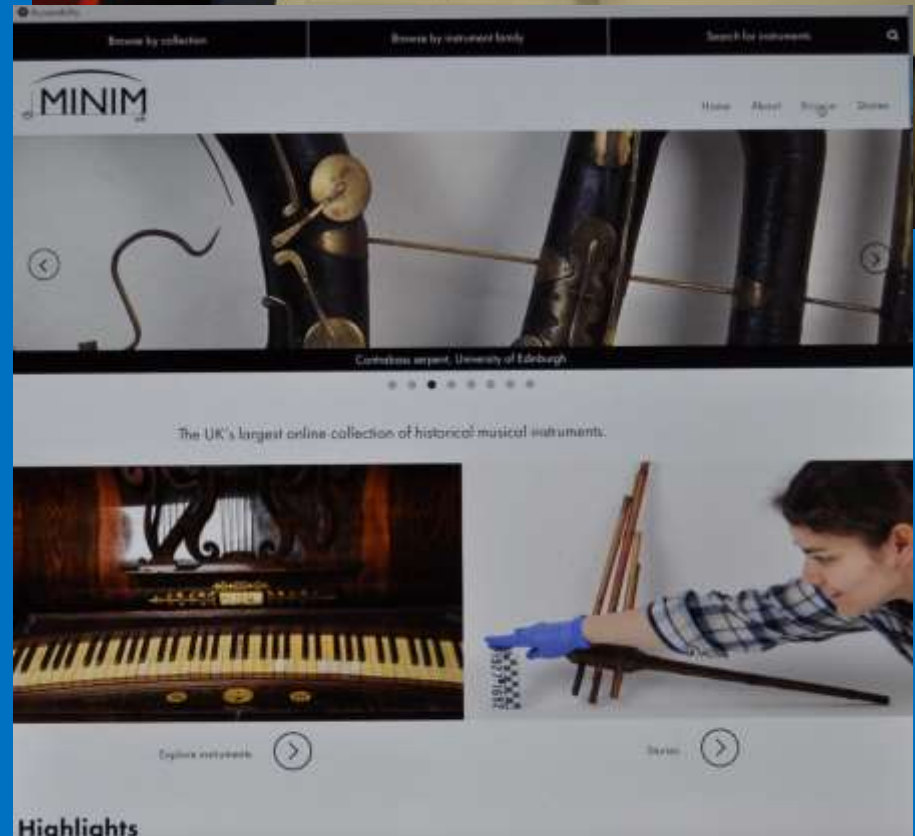
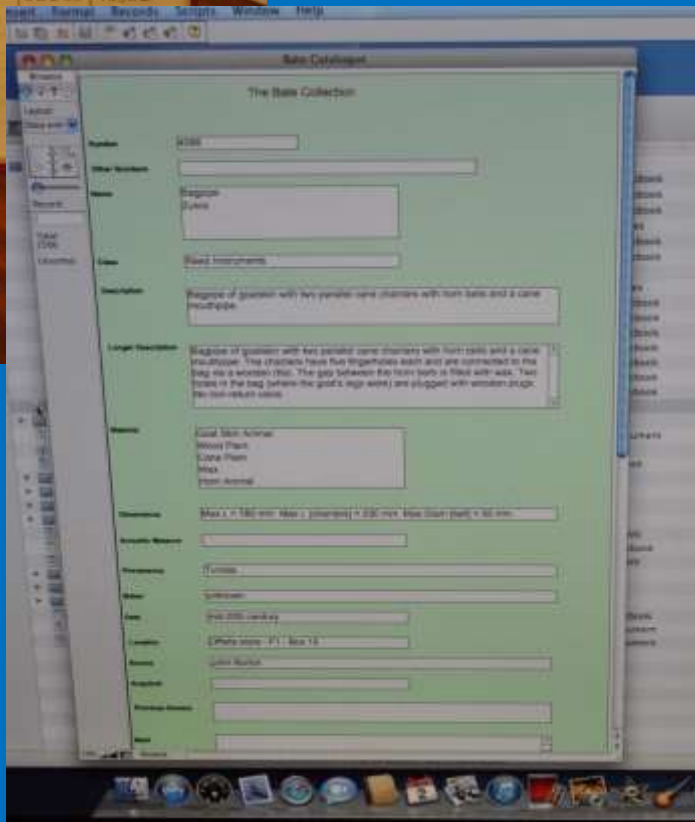
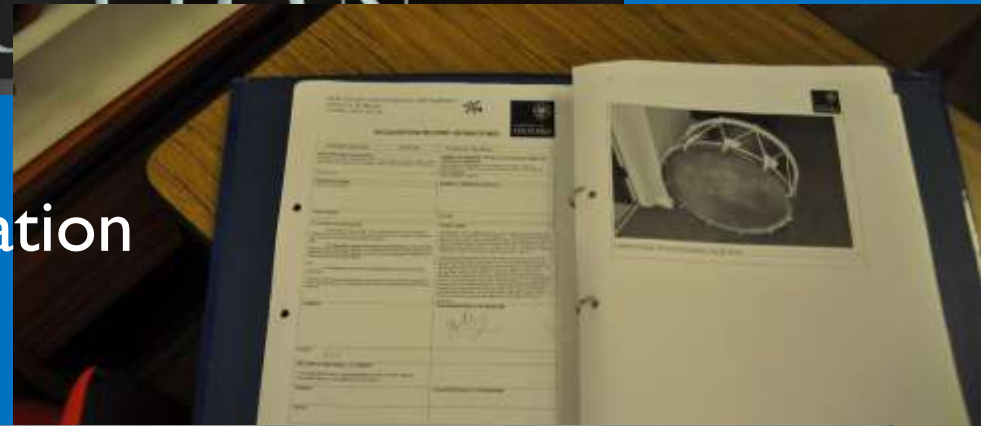
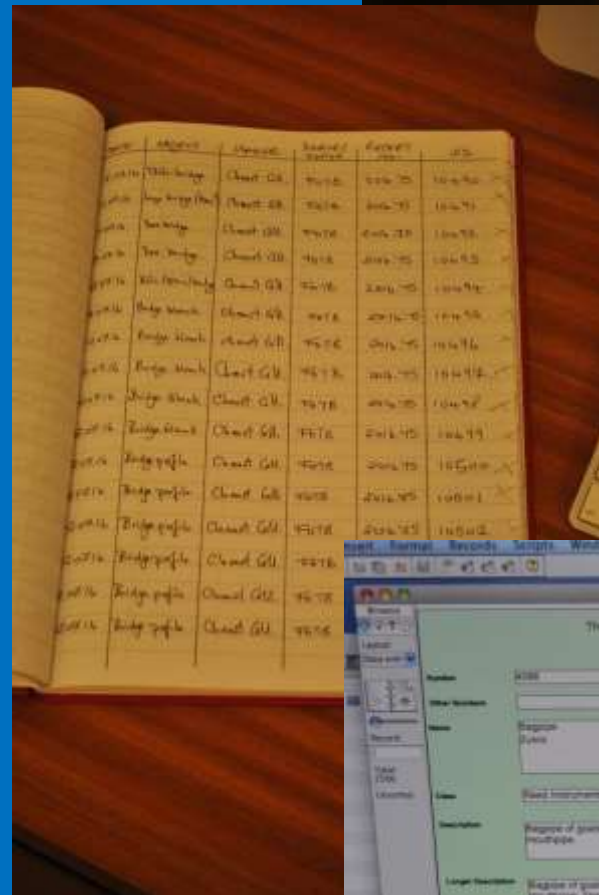
BATE COLLECTION

- Conservation
- Education
- Access

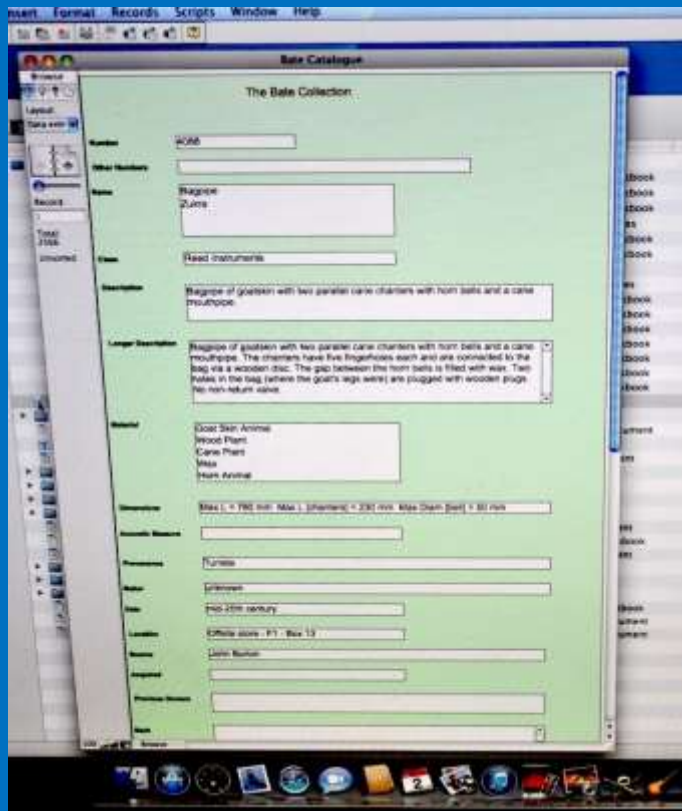


BATE COLLECTION

- Documentation

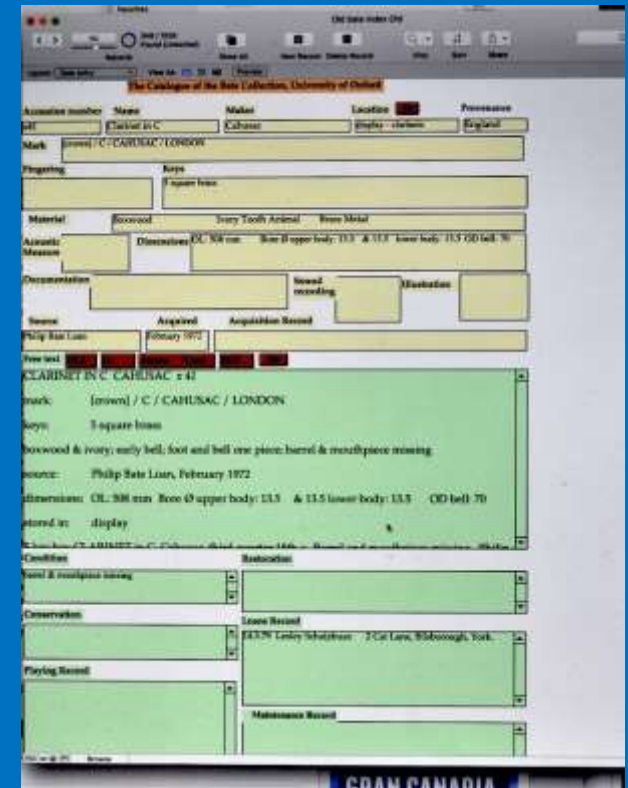


BATE COLLECTION



Current Database – FileMaker-Pro

Only 'Accessioned' objects



Former database -



No use to man-nor-beast

BATE COLLECTION

Meta-Catalogues



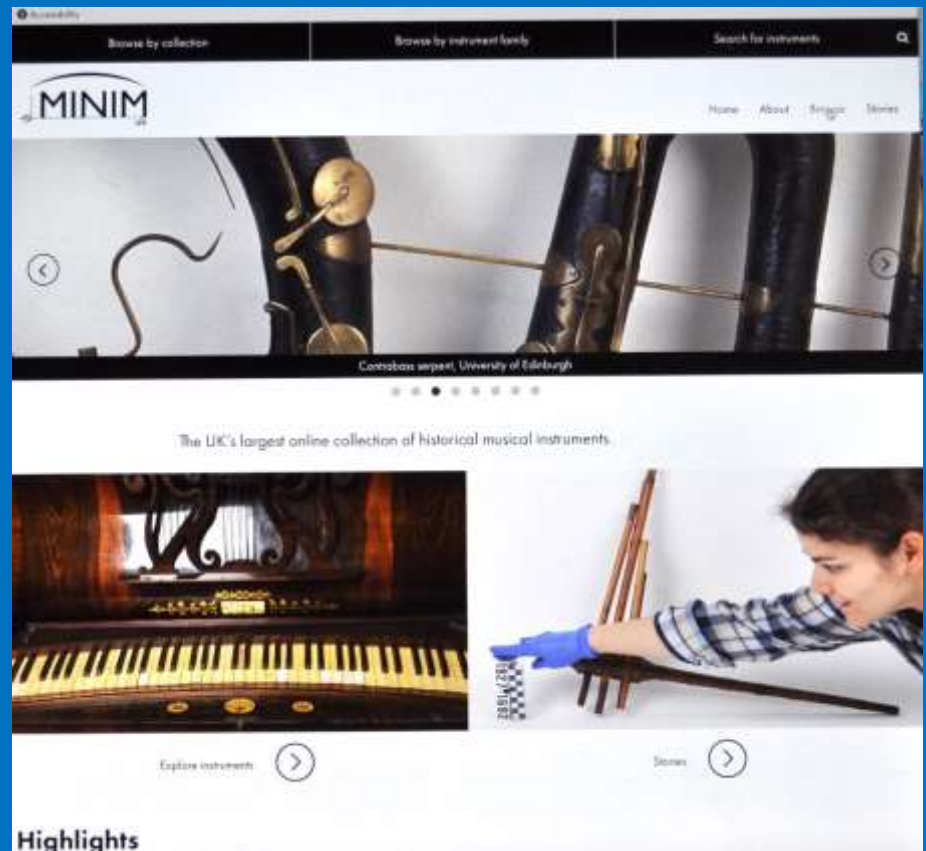
MIMO Explore the world collections of musical instruments
Museum of Instruments Metadata Online

Welcome to the world's largest freely accessible database for information on musical instruments held in public collections. Our database now contains the records of **83000 instruments**.

[INSTRUMENT FAMILIES](#) [MUSEUMS](#) [INSTRUMENT MAKERS](#) [NEWS](#)

GALLERIA DELL'ACCADEMIA | SCENOMET | MIMO | MUSEU MUSICA | MIM | CIMCIM

About MIMO | How to join | Contacts



Accessibility

[Browse by collector](#) [Browse by instrument family](#) [Search for instruments](#)

MINIM [Home](#) [About](#) [Sign in](#) [Stories](#)

Contra bass organ, University of Edinburgh

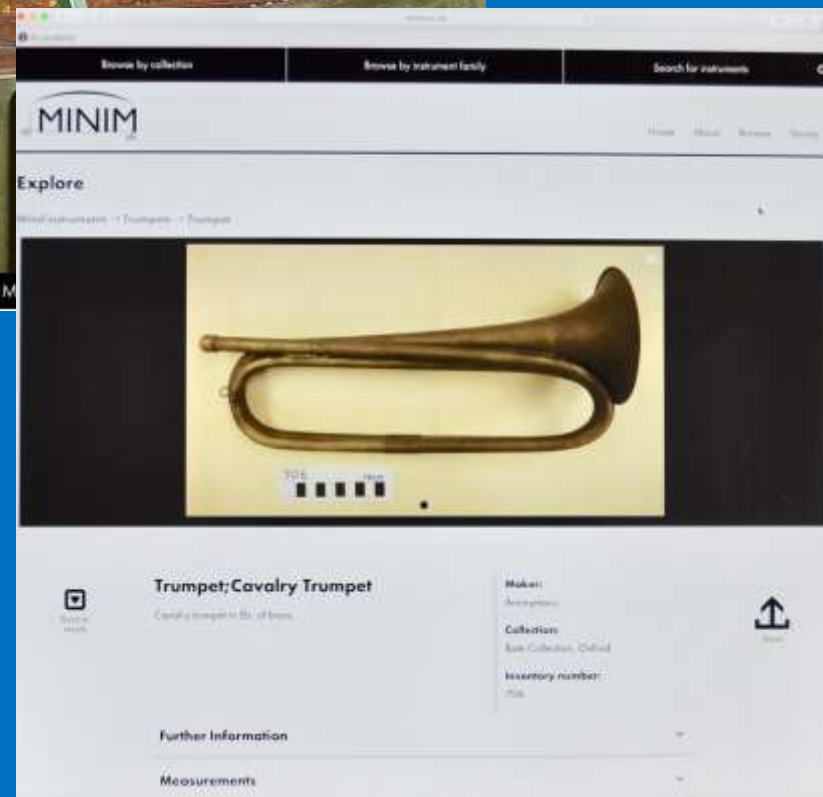
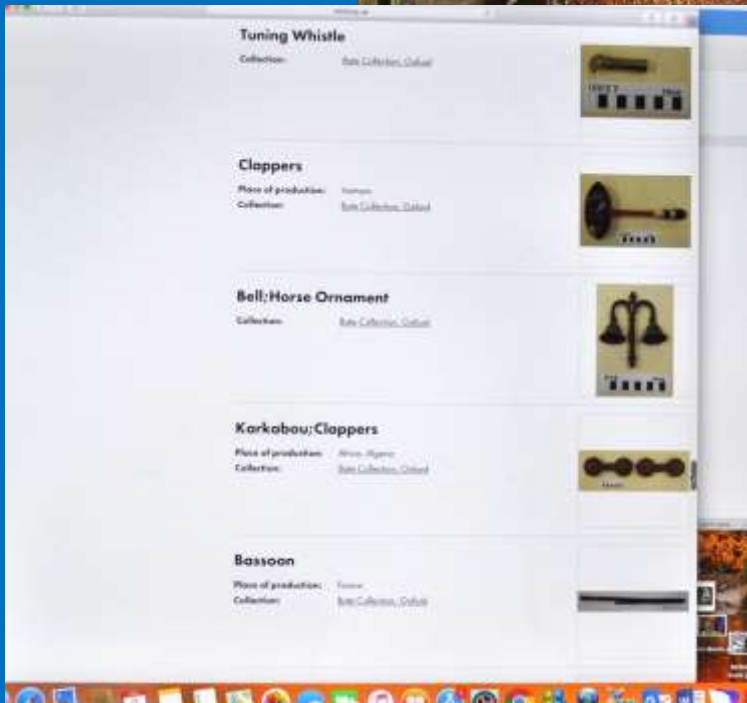
The UK's largest online collection of historical musical instruments

[Explore instruments](#) [Stories](#)

Highlights

BATE COLLECTION

Meta-Catalogues



BATE COLLECTION

Q: What is the main thing wrong with Bate Collection documentation?

A: "Intelligent numbering system"

- 1st integer indicates and instrument type
- Letter pre-fixes indicate something-or-other
- Letter suffixes indicate something-or-other else

Example:

x029 l acb – This item is, or was, a loan item. The 'zero' integer indicates that it is a recorder or whistle. The suffix indicates that it came from the Anthony Cuthbert Baines collection.



OXLOD musical instruments

- Bate collection
 - 18 instruments from China
- CADAL collection of musical instruments
 - www.cadal.cn
- Ashmolean Museum

OXLOD musical instruments

- Bate collection
 - 18 instruments from China
- CADAL collection of musical instruments
 - www.cadal.cn
- Ashmolean Museum
- Pitt-Rivers

OxLOD Open Workshop: Music at the Pitt Rivers Museum

Dr Tim Myatt
Digital Partnerships Manager @ PRM

The bottom of the slide features a decorative border with various cultural artifacts. On the left is the Pitt Rivers Museum logo, which includes the text "Pitt Rivers" in a large, serif font and "MUSEUM" in a smaller, sans-serif font below it. To the right of the logo are several circular and rectangular objects, including a colorful mask with horns, a small figurine, and a piece of paper with handwritten text. The background of the border is a mix of red, yellow, and white.

Pitt Rivers
MUSEUM

Music at the PRM?

- Accessioned objects in the main collections
- Instruments in the 'handling collection'
- Sound archive
- Database and documents
- Digital Future...



The instruments are, in keeping with the rest of the Pitt Rivers holdings, representative of the 'ordinary and commonplace' rather than the more usually collected 'rare and astounding'.



The PRM's Music Collection has been described as the 'world's musical collection' and as the 'musicians' collection.





Musical instruments were a particular interest of Henry Balfour, the first curator.



He endeavoured to show the ways that had been used to make sound from the earliest times until the present, and in all parts of the world.

What's in the Collection?

- 10,319 musical instruments in the PRM Collection
- 1,381 of which are on display
- 355 are from the 'Founding Collection'
- 3,365 are from the UK
- Not all of them are 'old and dusty!'





1940.9.21

Mandolin, painted with the names of places the donor played during WWI.

This object features in the First World War iBeacon trail.

Full audio transcription available at:

<https://soundcloud.com/pittriversound-1/sets/ww1>



1927.10.39

Tibetan Silver-mounted trumpet made of human thigh-bone. Donated in 1927. One of 4 in the collection.

1931.69.6

Wukari, Nigeria.

Bone voice disguiser, with bone top resembling a human head.

The head is mostly covered with human hair.

The face is framed with abrus seeds, and a band of seeds runs round the back of the head. At the other end of the voice disguiser is a membrane of leather.



Pigeon Whistles: An Orchestra in Flight

120 pigeon whistles in the
collection

Embedded Composer in
Residence at the Pitt Rivers
Museum and Oxford
Contemporary Music in 2016





1884.56.82

Chilkat apron backed with leather and decorated with bottom fringe strung with deer hooves and puffin beaks.

Handling Collection

- 278 musical instruments in the collection
- Used for school visits, exhibitions, interactive learning events etc.
- Includes 'talking drums', zithers, ukulele, sitars, etc.
- ArkT Choir: community singing for wellbeing group who meet at the PRM.



Digital assets and sound archive

- Unique historical field recordings
- Wax cylinders recorded as early as 1910, reel to reel tapes, and audio tapes
- The largest in any musical collection in the country and of international importance.
- Earliest recorded material to survive from Africa, the Naga Hills, and Oceania, and rare recordings from China and West Africa



Slit drums with Raymond Clausen's microphone, at Wor Tamat, Atchin, Vanuatu [1993.6.2.178].

Clausen made one recording at Wor Tamat dancing ground on Atchin in 1962

Database

Objects PRM (PRM Databases)

2 / 251099 Found (Unsorted)

Records Show All New Record Delete Record Find Sort Share

Layout: Large CM & Loc View As: Preview

Object collections at the Pitt Rivers Museum

Parent required Child required Not

Go to Keyword Lists Go to Biographies Go to Locations

View webpage IMAGE AVAILABLE? Yes No Open DIA DIA user guide Ariel 12 through

Accession Number: 1940.9.21 Physically numbered: This object was found physically numbered. [DCF Court Team 2002 - X 414] No. of objects: 1 A/E: E

Continent: Europe Country: UK Cultural Group: European English Region: England Local name: Mandolin

Keyword: Musical Instrument Lute Class: Music Process: Carpentered Painted Inlaid Grooved Material: Wood Plant Animal Gut Pigment ?Bone Metal Shell

Dimension: Max L = 610 mm Max W = 218 mm Weight: grams Condition: <No Access> Documentation: Correspondence with Related Collections: PR 72.L.24 F 66; CD51.3 (July) PRM Image: Digital: ?

Maker: Unknown Date made: By 1914 Field Collector: <No Access> When collected: By 1914 Other Owners: <No Access>

PRM Source: <No Access> Acquired: Donated September 1940 Other numbers: PR Cat & other nos. PR no. Enhancements: Cons. ?

Description: Mandolin, painted with the names of places the donor played it during WW1 [SM 18/07/2008]

Longer description: Mandolin, painted with the names of places the donor played it during WW1. The mandolin body is inlaid with a marquetry floral design below the sound hole. The fretboard is inlaid with four circular pieces of shell. The headstock has eight ?bone tuning pegs. The side of the instrument is painted with place names of places the donor played between 1914 and 1918. They are "Peronne Somme Hermes Ypres Vimy Ridge Asiago Piave FRANCE BELGIUM ITALY". [SM 01/02/2006]

Primary documentation: <No Access>

Research notes: <No Access>

Publications: This object features in the First World War iBeacon trail launched in the Museum in January 2016. Full audio transcription available at: <https://soundcloud.com/pittriversound-1/sets/ww1> [HA 07/01/2016]

Illustrated in black and white as Figure 3 on page 123 of "Captain Kennedy's Mandolin", and Other English Musical Instruments at the University of Oxford's Pitt Rivers Museum", by Alice Little, in *Journal of Museum Ethnography*, no. 23 (2010), pp. 117-26. Also discussed at length on pages 122-125. (Copy in RDF: Researchers: Little, Alice)

Display history: Displayed in the exhibition *Instruments of War*, held in the PRM's Balfour Building from 11 November 1988 to Spring 1989. [CF 20/12/2000; HLR 30/8/2002; JC 13 10 2011]

PRM Display label: Displayed in the special exhibition *Objects Talk* at the PRM from 5 October 2002 to 17 August 2003. In this exhibition, objects were displayed with curatorial notes and with comments elicited by Museum staff from members of the local community, who selected the objects from the Museum's displays and reserve collections. This

On Display? Yes No

Location/Movements: <No Access>

Child locations: <No Access>

On Display - Court: On Display, Court (Ground Floor), Case 90.A - Music -

On Display - Lower G: <No Access>

On Display - Upper G: <No Access>

Stone stores / PRM: <No Access>

Textile store: <No Access>

Textile store boxes: <No Access>

Osney Ground: <No Access>

Osney Upper & Annex: <No Access>

Osney Annex Boxes: <No Access>

Storage - Court: <No Access>

Storage - Lower G: <No Access>

Storage - Upper G: <No Access>

Stone store boxes 1: <No Access>

Stone store boxes 2: <No Access>

Music store: <No Access>

Music store boxes: <No Access>

Osney Upper Boxes: <No Access>

Osney Ground Boxes: <No Access>

Historical location: <No Access>

HAZARDOUS? <No Access>

Rate the images of this object: (1 is lowest, 5 is highest)

000047512.jpg: 1 2 3 4 5

000080849.jpg: 1 2 3 4 5

000083725.jpg: 1 2 3 4 5

000083726.jpg: 1 2 3 4 5

Recorder: MDA FB

Alison Petch 31.08.2006 & Hélène La Rue 1989.11.22 & Claire Freeman 31/3/2000

Other information: Parent Child entry numbers


<No Access>

Staff search field: <No Access>


Temporary info: <No Access>

Parent entry: <No Access> Parent


Child entry: <No Access>



PRM000047512.jpg



PRM000080849.jpg



PRM000083725.jpg

Database Records

This screenshot shows a detailed database record for a musical instrument. The record includes a photograph of a pear-shaped stringed instrument with a long neck. The interface is divided into several sections: a top header with navigation tools, a main data table with columns for accession number, physical number, and other identifiers, a large text description field, and a right-hand sidebar with various tabs and a list of associated files. The description text is partially visible and discusses the instrument's history and collection.

- Associated materials files
- Publications
- Images
- Display history
- Sound files
- Associated objects

This screenshot shows a database record for a small, dark, rectangular object. The interface is similar to the first screenshot, with a top header, a main data table, a large text description field, and a right-hand sidebar. The description text is partially visible and discusses the object's characteristics and collection. The right-hand sidebar shows a list of associated files, including images and publications.

Digital future...

- Wolfson DCMS application in progress to transform the museum visitor experience and use digital audio technology in the galleries



- Listening station with sound shower to allow visitors to access the sound archive and film footage

Reel to Real: Sound at the Pitt Rivers Museum

Reel to Real is the archival sound project at the Pitt Rivers Museum, University of Oxford, funded by the Esmée Fairbairn Foundation Collections Fund.

From the songs of children's games in playgrounds across Europe to Bayaka women's songs that enter people's dreams in the rainforests of the Central African Republic, this website offers an introduction to the several thousand hours of archival sounds held by the Museum. It also includes information about the field recordings, their related collections, and a host of other resources such as films and the work of contemporary sound artists associated with the project.

You can read about the methods used to digitize hundreds of wax cylinders, reel to reel tapes, audio cassettes and other formats that form the Museum's ethnographic sound archive. Also included are examples of the practical outputs we have begun to develop in order to connect archival sounds with wider collections and to engage diverse audiences.

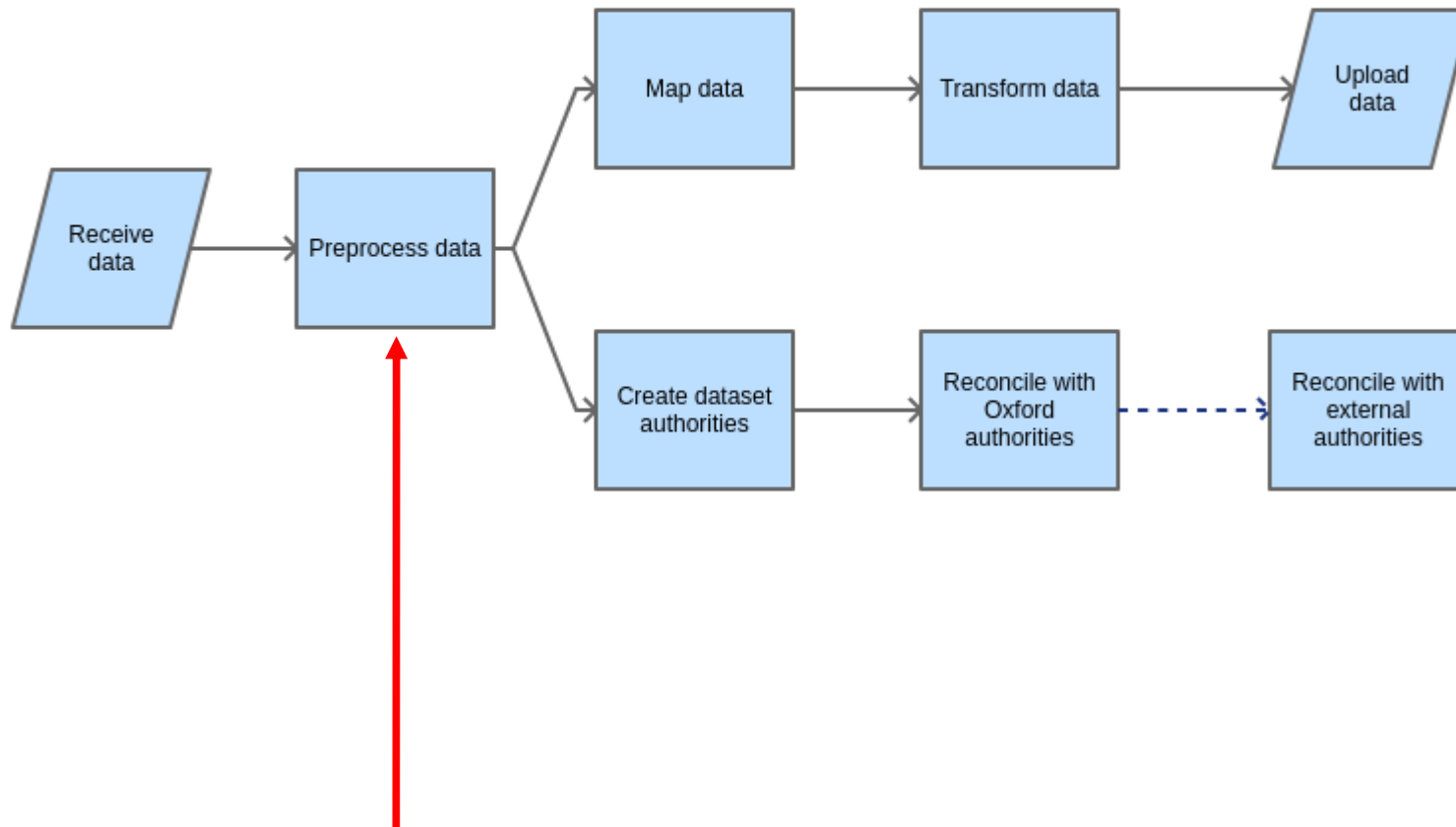
The museum is enormously grateful to our project partners for their help in making this unique resource available to the general public, scholars and other audiences.

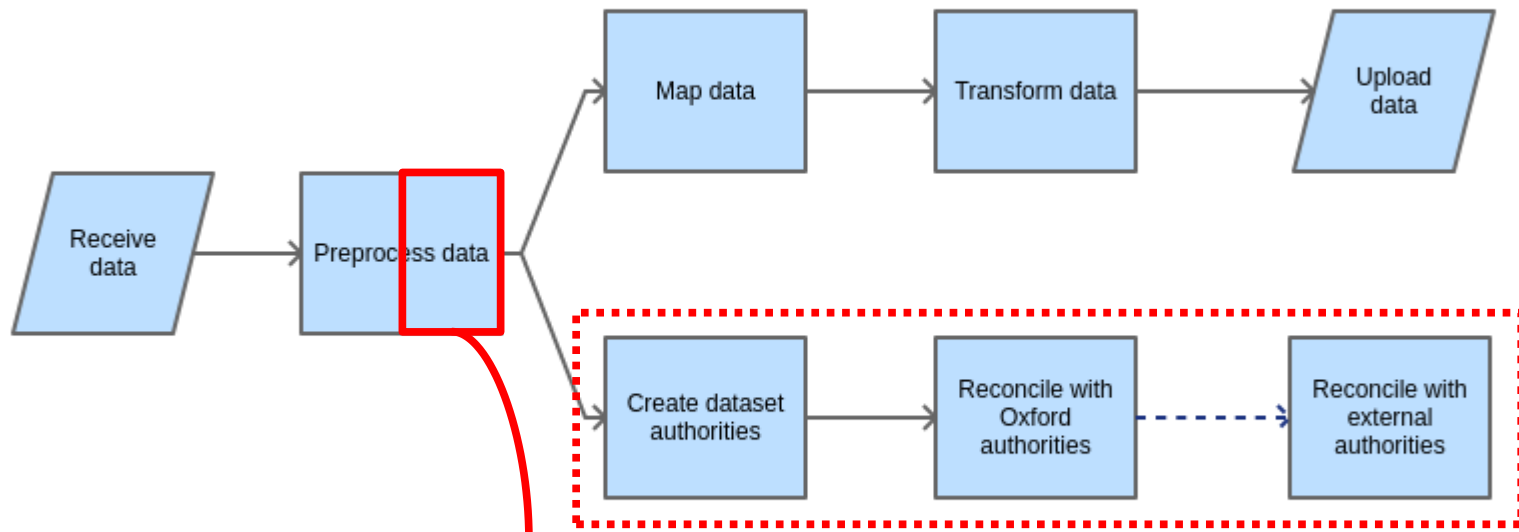
Enjoy!

<http://web.prm.ox.ac.uk/reel2real/>



OXLOD workflow





Sarah:

- Clean-up data
- Reconcile data
- Report on OpenRefine

Opening a csv file in Open Refine

The screenshot shows the OpenRefine web interface in a browser window. The address bar shows the URL: 127.0.0.1:3333/project?project=2440797798081. The page title is "bate collection UTF-8". The interface includes a sidebar on the left with a "Using facets and filters" guide. The main area displays a table with 2566 rows. The table has the following columns: All, Acoustic Meas, Acquired, Class, Class_edit, Condition, Date, Description, Dimensions, Image, Information, Labels, Location, Longer Descrip, and Maker. The table contains five rows of data, each with a star icon and a speech bubble icon in the first column.

All	Acoustic Meas	Acquired	Class	Class_edit	Condition	Date	Description	Dimensions	Image	Information	Labels	Location	Longer Descrip	Maker
1.			Reed Instruments	Reed Instruments	Skin bag sticky, one of the horn bells cracked [EB 12/10/2012]	mid-20th century	Bagpipe of goatskin with two parallel cane chanters with horn bells and a cane mouthpipe.	Max L = 780 mm Max L [chanters] = 230 mm Max Diam [bell] = 50 mm	Collections Image 12-10-2012		Bagpipe zokra, anon., Tunisia. Mid 20th. c., Donated by John Burton. 4088	Offsite store - F1 - Box 13	Bagpipe of goatskin with two parallel cane chanters with horn bells and a cane mouthpipe. The chanters have five fingerholes each and are connected to the bag via a wooden disc. The gap between the horn bells is filled with wax. Two holes in the bag (where the goat's legs were) are plugged with wooden plugs. No non-return valve.	unknown
2.	lowest note C		Reed Instruments	Reed Instruments	Bell ring missing, slight damage round the edge of the bell [EB 12/10/2012]	1755-1794	Oboe of boxwood with ivory ferrules and two silver keys.	Max L = 564 mm Max W = 152 mm Max Diam [bell] = 55 mm	Collections Image 12-10-2012	Given by Christopher Baines while still alive in lieu of the bequest which he had promised.		Workroom - B1 - Box 13		Cahusac
3.		Donated 07/06/2005	Reed Instruments	Reed Instruments	A few spots of oxydation on the metal, otherwise good condition.	first half 20th century	Soprano saxophone of brass, with black plastic mouthpiece. Some of the keys have mother-of-pearl discs.	Max L = 500 mm Max W = 152 mm Max Diam [bell] = 89 mm	Collections Image 12-10-2012	The company was founded by Vinzenz Ferarius Kohler in 1840. His sons took over in 1901 and changed the name to V. Kohler's Söhne. A history of the company can be found on this website: http://www.saxpics.com/Kohler/index.htm		Workroom - B1 - Box 13	Soprano saxophone of brass, with black plastic mouthpiece. Some of the keys have mother-of-pearl discs. The company name is stencilled onto the bell, with a design of leaves and flowers around it.	V. Kohler's Söhne
4.		24/10/2010	Reed Instruments	Reed Instruments	Good condition.	late 20th century	Bagpipe with goatskin bag and drone, chanter and mouthpipe of wood with plastic ferrules. The chanter has a thumbhole and six fingerholes. It has a metal ring at the top and the bottom.	Max L = 960 mm Max W = 203 mm	Collections Image 15-10-2012	Purchased by donor on holiday in 1999.		Workroom - A2 - Box 27		anon
5.		Donated 07/06/2011	Flutes	Flutes	Fair condition, some damage to the ferrules	mid-19th century	Transverse flute of rosewood with black lacquer	Max L = 675 mm Max W = 33 mm Max Diam [bell] = 25 mm	Collections Image 15-10-2012			Workroom - C1		Richard Weekes

Editing columns options e.g. split into several columns

The screenshot shows the Refine web application interface. At the top, there's a browser window with the URL `127.0.0.1:3333/project?project=2440797798081`. Below the browser, the Refine logo and 'bate collection UTF-8' are visible. The main area shows a table with 2566 rows. A context menu is open over the 'Maker' column, listing several actions:

- Facet
- Text filter
- Edit cells
- Edit column** (highlighted)
 - Split into several columns...
 - Add column based on this column...
 - Add column by fetching URLs...
 - Add columns from reconciled values...
- Transpose
- Sort...
- View
- Reconcile
 - Rename this column
 - Remove this column
 - Move column to beginning
 - Move column to end
 - Move column left
 - Move column right

The table data includes columns for Dimensions, Image, Information, Labels, Location, Longer Description, Maker, Maker_edit1, Maker_edit1 1, Maker_edit1 2, Mark, Material, Name, Name_edit1 1, and Name_edit1 2. The first row shows a 'Bagpipe' with 'unknown' maker. The second row shows an 'Oboe' with 'Cahusac' maker. The third row shows a 'Saxophone' with 'V. Kohler's Söhne' maker. The fourth row shows a 'Bagpipe' with 'Anon' maker. The fifth row shows a 'Transverse Flute' with 'Richard Weekes' maker.

Split columns based on a separator

The screenshot shows the Refine tool interface for a project named "bate collection UTF-8". The browser address bar shows the URL "127.0.0.1:3333/project?project=2440797798081". The interface includes a navigation bar with "Facet / Filter" and "Undo / Redo 171" options. A sidebar on the left contains a "Using facets and filters" section with instructions and a link to "Watch these screencasts". The main area displays a table with 2566 rows. The table has columns: "Name", "Name_edit1 1", "Name_edit1 2", "Name_edit1 3", "test name reco", "test name reco", "Name_edit1 4", and "Number". The second row is highlighted with a red box, showing the following data:

Name	Name_edit1 1	Name_edit1 2	Name_edit1 3	test name reco	test name reco	Name_edit1 4	Number
Duct Flute	Duct Flute			{ "head": { "vars": ["x"] }, "results": { "bindings": [] } }			168
FluierDuct Flute	Fluier	Duct Flute		{ "head": { "vars": ["x"] }, "results": { "bindings": [] } }			155 edit
Whistle	Whistle			{ "head": { "vars": ["x"] }, "results": { "bindings": [] } }			34

View terms using Facet/Filter

The screenshot displays the Refine tool interface for a collection named "bate collection UTF-8". The main table shows 2566 rows of instrument terms. A red box highlights the "Name" column, which contains terms like "Bagpipe", "Zukra", "Oboe", "Saxophone", "Gayda", and "Transverse Flute". The left-hand facet panel lists 545 choices, sorted by name count, including terms like "Cornett", "Crumhorn", "Cymbal", "Decorative Frame", "Diple", "Dolzaina", "Dorje", "Double Bass", "Double bass bridge", "Double Flute", "Drill bit", "Drum", "Drum Bowl", "Drumsticks", "Duct Flute", "Duct FluteCsakany", "Duct FluteDvojnice", "Duct FlutePincullu", "Duct FluteTabor Pipe", "Dung Chen", "DvojniceDouble Flute", "DvojniceDuct Flute", "Eight-Key Flute", "End Blown Flute", "Epinette de Vosges", "Erhu", "Ethnic Shawm", "Euphonium", and "External calipers".

Facet / Filter Undo / Redo 171 2566 rows

Show as: rows records Show: 5 10 25 50 rows

er_edit1	Maker_edit1 1	Maker_edit1 2	Mark	Material	Name	Name_edit1	Name_edit1 2	Name_edit1 3	test name reco	test name reco	Name_edit1 4	Number	Other Num
	unknown			Goat Skin AnimalWood PlantCane PlantWax Horn Animal	Bagpipe Zukra	Bagpipe	Zukra		{ "head": { "vars": ["X"], "results": { "bindings": [] } }			4088	
	Cahusac	edit	CAHUSAC STRAND LONDON [upper body] CAHUSAC LONDON [lower body and bell]	Boxwood PlantIvory Tooth Anima Silver Metal	Oboe	Oboe			{ "head": { "vars": ["X"], "results": { "bindings": [] } }			2043	
's Söhne	V. Kohlert's Söhne		V. Kohlert's Söhne Graslitz Czechoslovakie	Brass Metal Plastic Synthetic Mother-of-pearl Shell	Saxophone	Saxophone			{ "head": { "vars": ["X"], "results": { "bindings": [] } }			529	
	Anon			Goatskin AnimalWood PlantPlastic Synthetic Metal	Bagpipe Gayda	Bagpipe	Gayda		{ "head": { "vars": ["X"], "results": { "bindings": [] } }			2054	
Weekes	Richard Weekes		R WEEKES PLYMOUTH	Rosewood PlantNickel	Transverse Flute	Transverse Flute			{ "head": { "vars": ["X"], "results": { "bindings": [] } }			1196	

Standardise terms using Facet/Filter

Change "Flute" and "flutes" to "Flute"

Class	Acquired	Class	Class_edit	Condition	Date	Description	Dimensions	Image	Information	Labels	Location	Longer Descrip	Maker	Maker_edit1	Me
Reed Instruments		Reed Instruments		Skin bag sticky, one of the horn bells cracked [EB 12/10/2012]	mid-20th century	Bagpipe of goatskin with two parallel cane chanters with horn bells and a cane mouthpipe.	Max L = 780 mm Max L [chanters] = 230 mm Max Diam [bell] = 50 mm	Collections Image 12-10-2012		Bagpipe zokra, anon., Tunisia. Mid 20th. c., Donated by John Burton. 4088	Offsite store - F1 - Box 13	Bagpipe of goatskin with two parallel cane chanters with horn bells and a cane mouthpipe. The chanters have five fingerholes each and are connected to the bag via a wooden disc. The gap between the horn bells is filled with wax. Two holes in the bag (where the goat's legs were) are plugged with wooden plugs. No non-return valve.	unknown	unknown	unk
Reed Instruments		Reed Instruments		Bell ring missing, slight damage round the edge of the bell [EB 12/10/2012]	1755-1794	Oboe of boxwood with ivory ferrules and two silver keys.	Max L = 564 mm Max Diam [bell] = 55 mm	Collections Image 12-10-2012	Given by Christopher Baines while still alive in lieu of the bequest which he had promised.		Workroom - B1 - Box 13		Cahusac	Cahusac	Cah
Reed Instruments	Donated 07/06/2005	Reed Instruments		A few spots of oxydation on the metal, otherwise good condition.	first half 20th century	Soprano saxophone of brass, with black plastic mouthpiece. Some of the keys have mother-of-pearl discs.	Max L = 500 mm Max W = 152 mm Max Diam [bell] = 89 mm	Collections Image 12-10-2012	The company was founded by Vinzenz Ferarius Kohlert in 1840. His sons took over in 1901 and changed the name to V. Kohlert's Söhne. A history of the company can be found on this website: http://www.saxpics.com/Kohlert/index.htm		Workroom - B1 - Box 13	Soprano saxophone of brass, with black plastic mouthpiece. Some of the keys have mother-of-pearl discs. The company name is stencilled onto the bell, with a design of leaves and flowers around it.	V. Kohlert's Söhne	V. Kohlert's Söhne	V. K
Reed Instruments	24/10/2010	Reed Instruments		Good condition.	late 20th century	Bagpipe with goatskin bag and drone, chanter and mouthpipe of wood with plastic ferrules. The chanter has a thumbhole and six fingerholes. It has a metal ring at the top and the bottom.	Max L = 960 mm Max W = 203 mm	Collections Image 15-10-2012	Purchased by donor on holiday in 1999.		Workroom - A2 - Box 27		anon	Anon	Anc
Flutes	Donated 07/06/2011	Flutes		Fair condition, some damage to the...	mid-19th century	Transverse flute of rosewood with silver...	Max L = 675 mm Max W = 33 mm	Collections Image 15-10-2012			Workroom - C1		Richard Weekes	Richard Weekes	Ric

View and save all actions – and undo/redo

The screenshot displays a web application interface for managing a collection. The browser address bar shows the URL `127.0.0.1:3333/project?project=2440797798081`. The application header includes a search bar, navigation buttons (Open, Export, Help), and a status bar indicating 2566 rows. A sidebar on the left lists 171 actions, with the last action highlighted in blue. The main content area is a table with columns for various attributes and a 'test name reconcile' column. The 'Undo / Redo' button is highlighted in the sidebar.

Facet / Filter **Undo / Redo** 171

Extract... Apply...

Filter:

171. Create new column test name reconcile parse json based on column test name reconcile by filling 6 rows with `grel:value.parseJson().results.bindings[0].x`

er_edit1	Maker_edit1 1	Maker_edit1 2	Mark	Material	Name	Name_edit1 1	Name_edit1 2	Name_edit1 3	test name reco	test name reco	Name_edit1 4	Number	Other Nun
	unknown			Goat Skin AnimalWood PlantCane PlantWax Horn Animal	Bagpipe Zukra	Bagpipe	Zukra		{ "head": { "vars": ["x"], "results": { "bindings": [] } }			4088	
	Cahusac		CAHUSAC STRAND LONDON [upper body] CAHUSAC LONDON [lower body and bell]	Boxwood PlantIvory Tooth Animal Silver Metal	Oboe	Oboe			{ "head": { "vars": ["x"], "results": { "bindings": [] } }			2043	
ts Söhne	V. Kohler's Söhne		V. Kohler's Söhne Graslitz Czechoslovakie	Brass Metal Plastic Synthetic Mother-of- pearl Shell	Saxophone	Saxophone			{ "head": { "vars": ["x"], "results": { "bindings": [] } }			529	
	Anon			Goatskin AnimalWood PlantPlastic Synthetic Metal	Bagpipe Gayda	Bagpipe	Gayda		{ "head": { "vars": ["x"], "results": { "bindings": [] } }			2054	
Weekes	Richard Weekes		R WEEKES PLYMOUTH	Rosewood PlantNickel	Transverse Flute	Transverse Flute			{ "head": { "vars": ["x"], "results": { "bindings": [] } }			1196	

Reconcile terms to external vocabularies e.g. Getty

The screenshot shows a web browser window with several tabs: Google, Bate-Collection-UTF-8current, and zampognas. The address bar shows the URL 127.0.0.1:3333/project?project=1781429587862. The page title is "Refine Bate-Collection-UTF-8current".

The interface includes a "Facet / Filter" sidebar on the left with a "test name reconcile parse json" filter. The main area displays "1 matching rows (2566 total)" and a table with columns: Name, Name_edit1, Name_edit1, Name_edit1, test name recon, test name recor, Name_edit1, Number, and Other Num. A red box highlights the first row of the table.

Name	Name_edit1	Name_edit1	Name_edit1	test name recon	test name recor	Name_edit1	Number	Other Num
anter gpipe rt mpogna	Chanter	Bagpipe Part	Zampogna	<pre>{ "head": { "vars": ["x"] }, "results": { "bindings": [{ "x": { "type": "uri", "value": "http://vocab.getty.edu/aat/300042439" } }] }</pre>	http://vocab.getty.edu/aat/300042439		x283	

Reconcile terms to external vocabularies e.g. Getty

The screenshot shows a web browser window with the following details:

- Browser tabs: Google, Bate-Collection-UTF-8current, zampognas
- Address bar: vocab.getty.edu/aat/300042439
- Page title: Getty Vocabularies: LOD
- Navigation: SPARQL, Queries, Search, Brief
- Search filters: Any, Search...
- Highlighted term: **zampognas** (enclosed in a red box)
- Source: <http://vocab.getty.edu/aat/300042439>
- Filters: Subject (63), Predicate, Object, All
- Download options: Website, Hierarchy, JSON, JSONLD, RDF, N3/Turtle, N-Triples
- Inference: Explicit only
- Section: Statements in which the resource exists as a subject.

Predicate	Object
rdf:type	gvp:Concept
rdfs:seeAlso	http://www.getty.edu/vow/AATFullDisplay?find=&logic=AND&note=&subjectid=300042439
dcterms:created	1988-01-01T00:00:00
dcterms:modified	2001-07-26T22:03:54, 2006-01-24T15:38:28, 2010-04-23T01:45:39, 2011-01-07T16:35:42, 2011-01-07T16:35:43, 2011-12-20T13:03:32, 2017-08-25T11:34:12
skos:changeNote	aat_rev:5000058704 , aat_rev:5001151143 , aat_rev:5001151144 , aat_rev:5001151145 , aat_rev:5001151146 , aat_rev:5001558726 , aat_rev:5002308903 , aat_rev:5002756330 , aat_rev:5002756338 , aat_rev:5003058246 , aat_rev:5004451263 , aat_rev:5004451264 , aat_rev:5004451265 , aat_rev:5004451266 , aat_rev:5004451267 , aat_rev:5004451268 , aat_rev:5004451269 , aat_rev:5004451289
gvp:parentString	bagpipes, <reedpipes with multiple pipes>, reedpipes (confined aerophones), reeds (aerophones), aerophones, <sound devices by acoustical characteristics>, sound devices (equipment), Sound Devices (hierarchy name), Furnishings and Equipment (hierarchy name), Objects Facet
gvp:parentStringAbbrev	bagpipes, <reedpipes with multiple pipes>, ... Objects Facet
gvp:displayOrder	12
xl:prefLabel	aat_term:1000042439-en , aat_term:1000483549-nl , aat_term:1000765752-zh-Hant , aat_term:1000765756-zh-Latn-pinyin-x-notone , aat_term:1000765757-zh-Latn-pinyin-x-hanyu , aat_term:1000765758-zh-Latn-wadegile
xl:altLabel	aat_term:1000206934-en , aat_term:1000206935-en , aat_term:1000297952-en , aat_term:1000297952-es , aat_term:1000297952-nl , aat_term:1000765753-zh-Hant , aat_term:1000765754-zh-Hant , aat_term:1000765755-zh-Hant
gvp:broaderGeneric	aat:300042405
gvp:broaderPreferred	aat:300042405
gvp:prefLabelGVP	aat_term:1000042439-en



Pip Willcox @pipwillcox · Jul 2

Hello, #DHOxSS! Here are as many of our wonderful participants as would fit in my camera's lens. Welcome, everyone!

📍 15 ❤️ 66 ✉️ ⌵



ReadingEuclid

@ReadingEuclid

Follow



@a_velios 'On integration and linked data for museums and library collections' — wise warning that 'integration through monopoly does not work' @dhoxss #DHOxSS18 @KebleOxford



5:02 PM - 4 Jul 2018

3 Retweets 5 Likes



1



3



5



term to
look up

Metal

0119

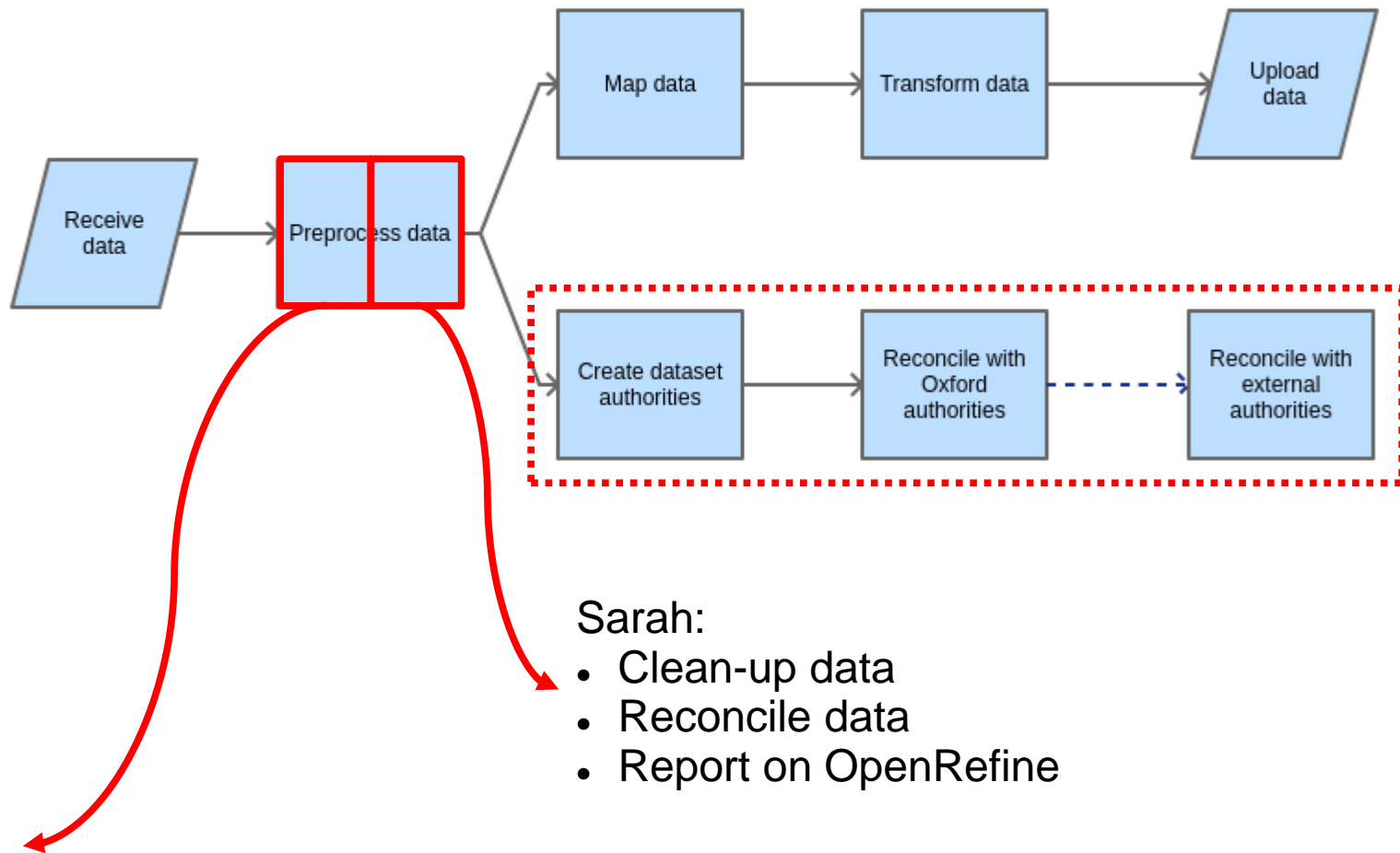
object
number

300014133 ~~30038~~

Bamboo 300011873

0345

300012002



Sarah:

- Clean-up data
- Reconcile data
- Report on OpenRefine

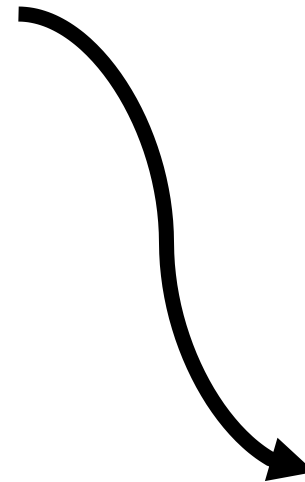
Thanasis:

- Parse complex fields
 - Dimensions
 - Dates
- Export to XML

Example of complex field

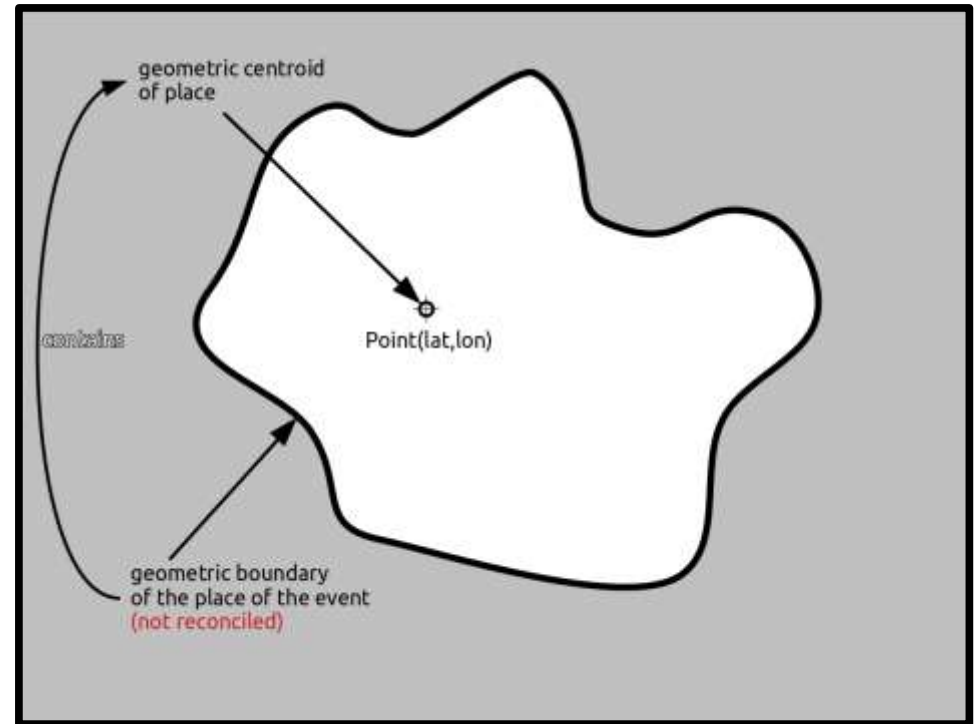
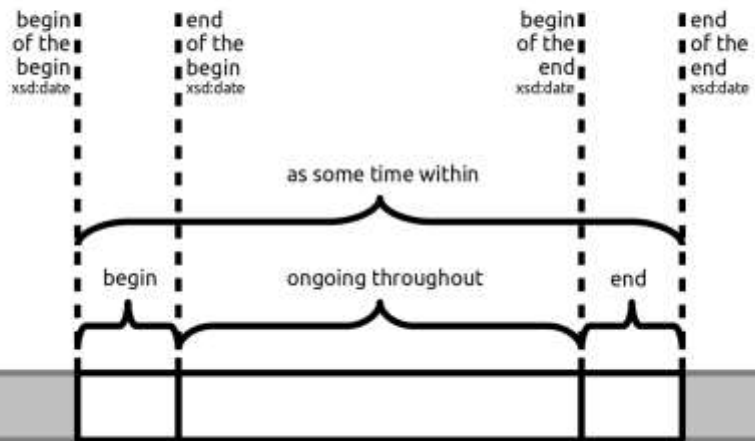
OpenRefine of little use

- 01/1976 30/11 - 01/12/1991
- 01/09/1993 February 1983
- 02 October 2013 mid 20th century
- 02/1983 c. 1950
- 1974 2nd half of 20th century
- 1998? early 19th century
- 1999 - 2000 before 1880
- 1999-2000 post 1910
- 28.01.15 pre 1790



```
<date>  
  <from>YYYYMMDDTHH:MM:SS</from>  
  <to>YYYYMMDDTHH:MM:SS</to>  
</date>
```

Reasoning with time





Model Overview



Enter subject



Choose a Template:

Template 1

Mark same instances



Item with number: 4088@en [E22_Man-Made_Object]

P51_has_former_or_current_owner

uuid:AB [E39_Actor]

P3_has_note

donated per Carol Anderson@en

P43_has_dimension

Dimension Max L for object 4088@en [E54_Dimension]

P2_has_type

Max L@en [E55_Type]

P90_has_value

780

P91_has_unit

mm@en [E58_Measurement_Unit]

P108i_was_produced_by

Production of object 4088@en [E12_Production]

P4_has_time-span

Time-span of production of object 4088@en [E52_Time-Span]

P3_has_note

e 1923@en

P82b_end_of_the_end

1960-12-31T23:59:59@en

P82a_begin_of_the_begin

1941-01-01T00:00:00@en

P2_has_type

pelog@en [E55_Type]

not playable@en [E55_Type]

P48_has_preferred_identifier

4088 [E42_Identifier]

P70i_is_documented_in

Database record for object 4088@en [E31_Document]

P94i_was_created_by

Creation event of database record for object 4088@en [E65_Creation]

P4_has_time-span

Time-span of creation event for database record for object 4088@en [E52_Time-Span]

P30i_custody_transferred_through

Acquisition event for object 4088@en [E10_Transfer_of_Custody]

P4_has_time-span

Time-span of acquisition event for object 4088@en [E52_Time-Span]

P82a_begin_of_the_begin	1941-01-01T00:00:00@en	
P2_has_type	pelog@en [E55_Type ○]	
	not playable@en [E55_Type ○]	
P48_has_preferred_identifier	4088 [E42_Identifier ○]	
P70i_is_documented_in	Database record for object 4088@en [E31_Document 📄]	-
	P94i_was_created_by	
	Creation event of database record for object 4088@en [E65_Creation 🔄]	-
	P4_has_time-span	
	Time-span of creation event for database record for object 4088@en [E52_Time-Span ○]	+
P30i_custody_transferred_through	Acquisition event for object 4088@en [E10_Transfer_of_Custody ○]	-
	P4_has_time-span	
	Time-span of acquisition event for object 4088@en [E52_Time-Span ○]	+
	P3_has_note	
	purchased@en	
	P2_has_type	
	donation@en [E55_Type ○]	
P128_carries	Mark on object: 4088@en [E34_Inscription 📄]	-
	P3_has_note	
	CAHUSAC LONDON@en	
	CAHUSAC STRAND LONDON [upper body] CAHUSAC LONDON [lower body and bell]@en	
	Mark on object: 4088@en [E34_Inscription 📄]	+
P46_is_composed_of	Label on object 4088@en [E84_Information_Carrier 📄]	-
	P2_has_type	
	labels@en [E55_Type ○]	
	P128_carries	
	Inscription of label on object 4088@en [E34_Inscription 📄]	-
	P3_has_note	
	Bagpipe zukra, anon., Tunisia. Mid 20th. c., Donated by John Burton. 4088@en	
P44_has_condition	Condition state of object 4088@en [E3_Condition_State 🔄]	-
	P3_has_note	
	Skin bag sticky, one of the horn bells cracked [EB 12/10/2012]@en	
P1_is_identified_by	D/III.6 [E42_Identifier ○]	
P138i_has_representation	Image of object 4088@en [E36_Visual_Item 📄]	-
	P3_has_note	
	Collections Image 12-10-2012@en	



Model Overview



Enter subject



Choose a Template:

Template 1

Mark same instances



Item with number: 0@en [E22_Man-Made_Object]

P45_consists_of

ivory@en [core#Concept, E57_Material]

core#exactMatch

<http://vocab.getty.edu/aat/300011857> [core#Concept]

cocus@en [core#Concept, E57_Material]

boxwood@en [E57_Material, core#Concept]

P108i_was_produced_by

Production of object: 0@en [E12_Production]

P7_took_place_at

London@en [E53_Place]

owl#sameAs

<http://www.geonames.org/2643743> [22-rdf-syntax-ns#resource]

P1_is_identified_by

London@en [E41_Appellation]

P89i_contains

Centroid of place: London@en [E53_Place]

P168_place_is_defined_by

Point(51.50853,-0.12574)

United Kingdom@en [E53_Place]

P2_has_type

flutes (aerophones)@en [core#Concept, E55_Type]

core#exactMatch

<http://vocab.getty.edu/page/aat/300042513> [core#Concept]

Picco Pipe@en [E55_Type, core#Concept]

P30i_custody_transferred_through

Transfer of custody event for object: 0@en [E10_Transfer_of_Custody]

P28_custody_surrendered_by

Bainbridge@en [E39_Actor]

P1_is_identified_by

Bainbridge@en [E41_Appellation]

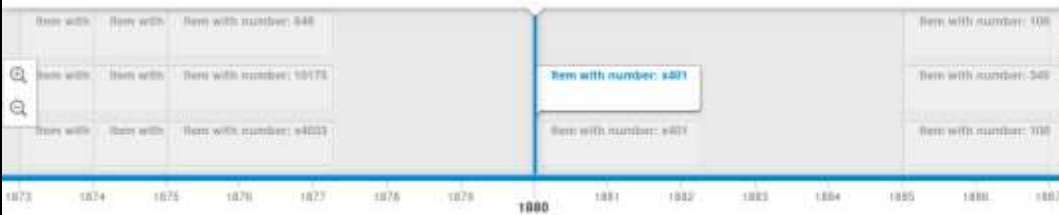
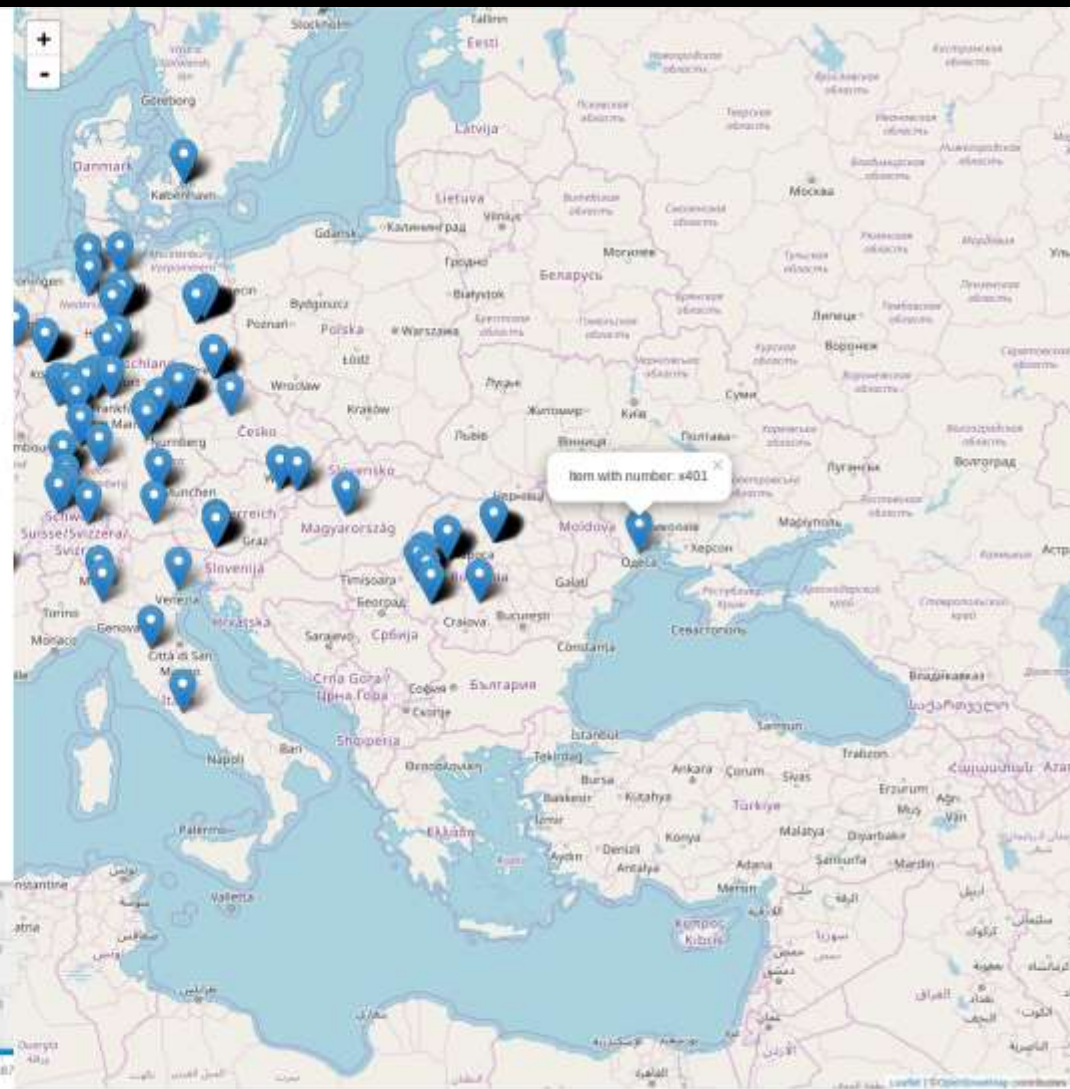
owl#sameAs

<https://viaf.org/viaf/7568047> [22-rdf-syntax-ns#resource]


```
SELECT (?itemlabel AS ?title)
      (?tsb AS ?startdate)
      (?tse AS ?enddate)
      (?pllabel AS ?place)
      (SUBSTR(?plcoor,7,STRLEN(?plcoor)-7) AS ?location)
WHERE {
  ?item crm:P108i_was_produced_by ?p .
  ?item rdfs:label ?itemlabel .
  ?p crm:P4_has_time-span ?ts .
  ?ts crm:P82a_begin_of_the_begin ?tsb .
  ?ts crm:P82b_end_of_the_end ?tse .
  ?p crm:P7_took_place_at ?pl .
  ?pl rdfs:label ?pllabel .
  ?pl crm:P89i_contains ?plc .
  ?plc crm:P168_place_is_defined_by ?plcoor
}
```

January 1, 1880 — December 31, 1890
Item with number: x401

Clarinet



Period of production (1880-1890) of clarinet x401 from Odeesa

January 1, 1851 — December 31, 1900

Item with number: 4152

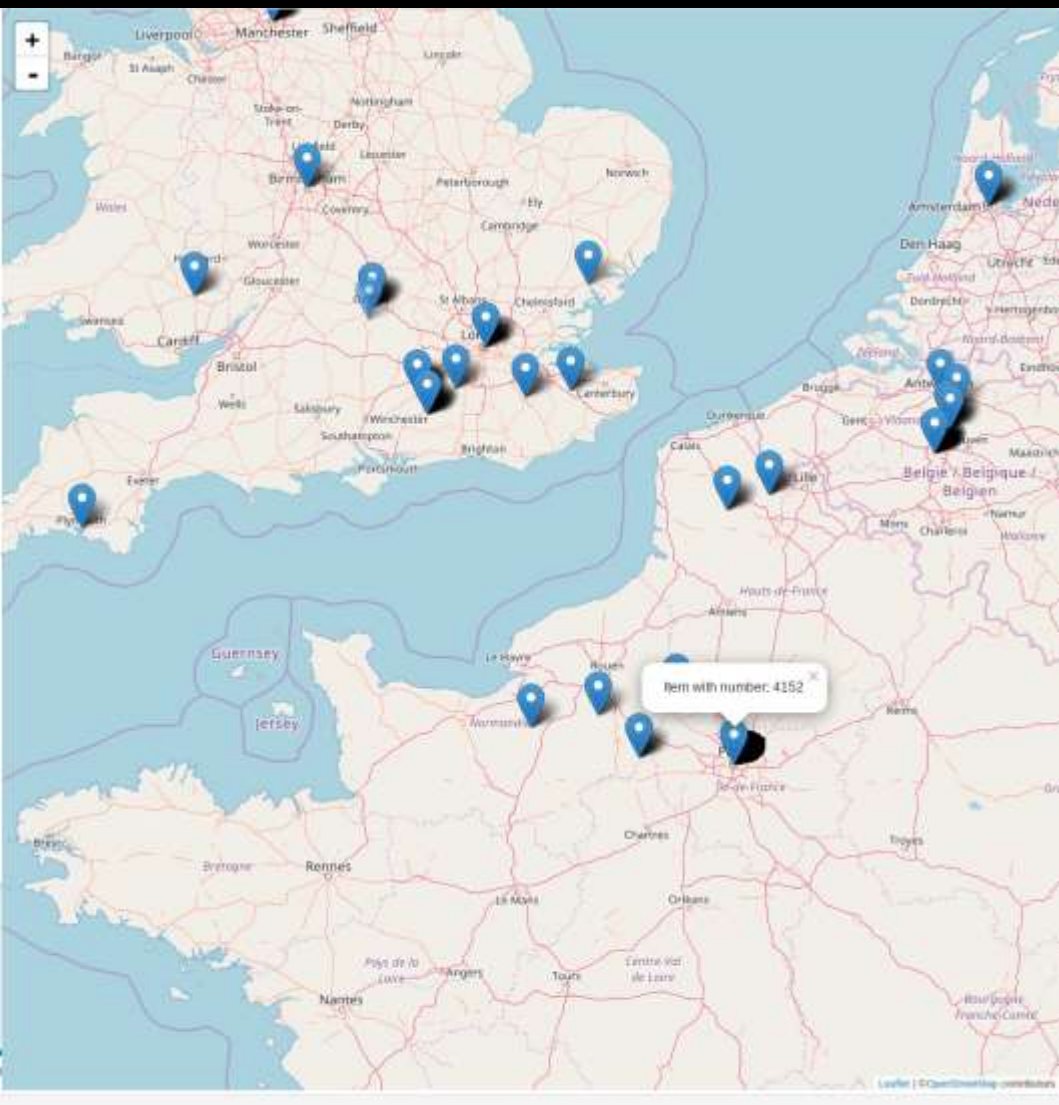
Clarinet

JANUARY 1, 1851
Items with number: 100

JANUARY 1, 1900
Items with number: 100

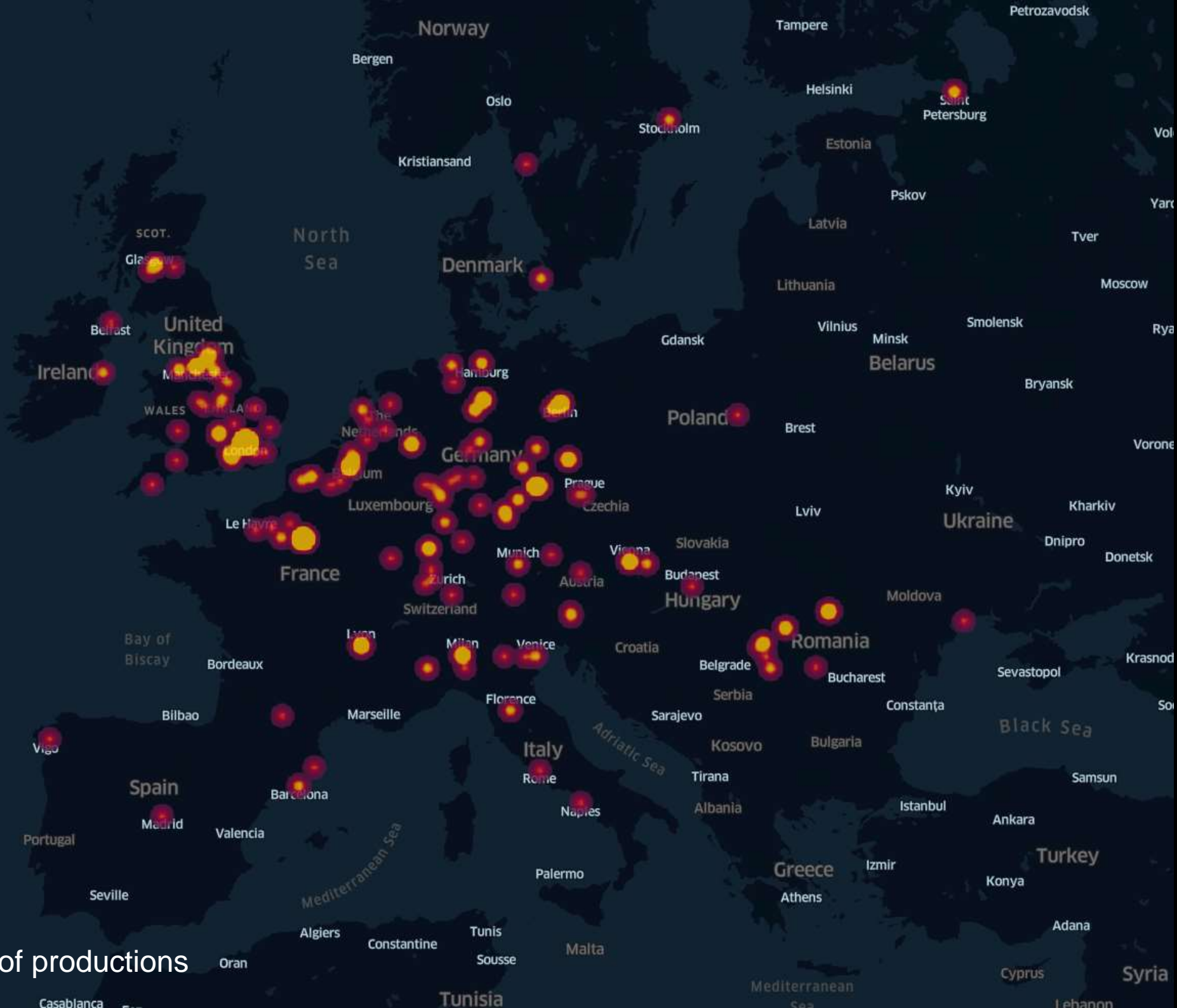
Item with number: 4112	Item with number: 4152	Item with number: 4151
Item with number: 4012	Item with number: 4152	Item with number: 341
Item with number: 361	Item with number: 341	Item with number: 341

1844 1845 1846 1847 1848 1849 1850 1851 1852 1853 1854 1855 1856 1857 1858



Period of production (2nd half of 19th century) of clarinet 4152 from Paris

Heatmap of productions



```
SELECT (?itemlabel AS ?title)
      (?tsb AS ?startdate)
      (?tse AS ?enddate)
      (?plcoor AS ?location)
  WHERE {
    ?item crm:P108i_was_produced_by ?p .
    ?item rdfs:label ?itemlabel .
    ?item crm:P30i_custody_transferred_through ?toc .
    ?p crm:P7_took_place_at ?pl .
    ?pl crm:P89i_contains ?plc .
    ?plc crm:P168_place_is_defined_by ?plcoor .
    ?toc crm:P4_has_time-span ?ts .
    ?ts crm:P82a_begin_of_the_begin ?tsb .
    ?ts crm:P82b_end_of_the_end ?tse
  }
```




Acquisition events

Event visualisations

- [Time-mapper](#)
- kepler.gl

TODO

- Receive and map PR, Ashmolean and CADAL.



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1986.1.2

Transverse diaphragm flute. [DCF Court Team 12/2/2003]

Place details: ASIA. China. **Local Name:** Unknown. **Materials:** Bamboo Plant / Copper Metal / Varnish / ?. **Processes:** Perforated / Varnished / ?. **Dimensions:** Max L = 398 mm Max Diam at Head = 21 mm Max Diam at Foot = 19 mm **When Collected:** 1972 **Acquired:** Donated January 1986

KEYWORD: Musical instrument / Flute / CLASS: Music / ?.MUSIC CLASS: 4. MUSIC NAME: Flute.

NO IMAGE
AVAILABLE

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TODO

- Receive and map PR, Ashmolean and CADAL.
- Pass on clean data to Andy.
 - How?
- Pass on reconciled entities.
 - But we are unsure about people.



Next Open Workshop

11 September 2018 - OeRC

Conservation!

