Every Collection is a Snowflake

George Oates / @ukglo
glo@gfns.uk

SWIB, Hamburg, December 2017
In the beginning...
Collectors collecting
20. A juvenile figure adorned with a chaplet, and the arms broken off, see Monumenta Henriciana.
21. A male figure standing, in his right arm extended, and a garment wound about his left, which falls over his knee on that side.
22. A male figure of a camp, in his right hand a General in his Military dress.
24. Two Roman Soldiers.
25. Two Camels of different sizes.
26. A grotesque figure & bust.
27. An arm & hand, and a foot.
28. A Small Cuirass, a rattle & sword.
31. A Horse galloping.
32. Three Small vases.
33. Ten matrices for marking earthenware vessels, and other purposes.
34. Six rings of different sizes, for various purposes.
35. Eight Keys, of different forms and sizes.
36. Two lamps, one for a double stick.
37. A piece of a Speculum.
38. Five jewell heads, two very small.
39. Three chisel heads of different sizes, extremely small.
40. A pale and narrow mould, Roman work from Hadrian.
41. A wide moulded small grey stone.
42. One higher of marble, &c.
43. The base of a basin, 25 crowns of coins on the outside.
44. A large pair of legs protruding on the outside.
45. A large piece of wood protruding on the outside.
46. A large tiger, &c.
47. One smaller.
48. A great number of broken pieces, pieces of stone, &c.
49. A large part of a yellow terracotta vessel from Greece.
50. A small part of a yellow terracotta vessel from Greece.
51. A ball of the same, &c.
52. A very small terracotta vessel from Greece.
53. A washer made of a hollow vessel, used as a small box.
54. An example of an ancient box, as a platter of a stone from Dr. Kennedy’s collection.
55. A stone from Dr. Kennedy’s collection.
56. An Egyptian stone, &c.
57. A very small terracotta vessel from Greece.
58. A large terracotta vessel from Greece.
59. A small stone from Greece.

The Library Catalogues of Sir Hans Sloane: Their Authors, Organization, and Functions

Amy Blakeway

Sir Hans Sloane achieved many accolades in his own lifetime, including the influential and covetable positions of Royal Physician and President of the Royal Society. Sloane’s rise from humble physician to pillar of eighteenth-century society is epitomized in the glamorous locations in Kensington and Chelsea which to this day bear his name, and those of his descendants. To people who have never heard of Sloane, the epithet ‘...of Sloane Square’ immediately places him in the highest rank of social and historical importance. Despite significant achievements during his lifetime, perhaps Sloane’s greatest legacy was posthumous: namely, as the man who accumulated the massive collections which formed the basis of the British Museum and, indirectly, of its children the Natural History Museum and the British Library. In spite of the importance of Sloane’s collections, including his books, as recently as 1988 Margaret Nickson observed that bibliographers had hitherto ‘been very little concerned with the history of this remarkable collection.’1 Fortunately, this

Patric Egland, Virginia God be thanked. a sermon. As. Bitty of Pikes.

Peter Johns are Indian Chirghen youth of Bengale. Lond. 1622. in 4°.

Declaration of the State of Virginia. Lond. 1610.

New England Ensigne. 1659.
Abstract of New England Lawes. 1641.
To Howard's Journey to Fane. 1670.

88th Bullock. Virginia impartially examined. 1649.
John. Chardy. Description of a voyage to Bermudas. 1671.
England's advantage by manufactured wool.

Gabriel. Plate. Discovery of Subterrancel treasure. 1639.

“For what else is this collection but a disorder to which habit has accommodated itself to such an extend that it can appear as order?”

Walter Benjamin, *Unpacking My Library*, 1931
Cataloguers organising
Seeing Standards: A Visualization of the Metadata Universe, 2010
Jenn Riley
N B

In this box, folders numbered with a number beginning with 7 are numbered with videodisc from nos.

To find the catalogue number look up the 7... number in the catalogue (don't enter the final i) then look there for the catalogue number (probably beginning with the numeral 2)!
Actors participating
a “permissionless space for creativity, innovation and free expression”

Tim Berners-Lee
Sandpeople?

50% Human

50% Not human
Georgie Oates @ukglo • Nov 27

Sandpeople?

50% Human

50% Not human

"Those Tusken walk like men, but they're vicious, mindless monsters."
— Cliegg Lars[src]

Tusken Raiders, less formally referred to as Sand People or simply as Tusks, were a culture of nomadic, primitive sentients indigenous to Tatooine, where they were often hostile to local settlers.
“A library is not only a place of both order and chaos; it is also the realm of chance. Books, even after they have been given a shelf and a number, retain a mobility of their own.”

Bloated, but sparse
Contemporary practice?
**ADS-B OUT – Data from the aircraft**

- Callsign
- Altitude
- Heading
- Position
- Squawk number
- Speed
Who is your audience?
Have you ever met your “harvesting agent”? 
Every goal needs a metric
Previous work in big, messy cultural systems...
Flickr

Billions of photos, millions of people
2004-2008
Participation

• Public by default
Participation

• Public by default

• “Social objects”
Participation

- Public by default
- “Social objects”
- Metadata creators are also participants
Participation

- Public by default
- “Social objects”
- Metadata creators are also participants
- Live database
Participation

• Public by default

• “Social objects”

• Metadata creators are also participants

• Live database

• Sharing to other systems from Day 1 (email, blog etc)
Classification

- Completely free, uncontrolled, “folksonomic”
Classification

- Completely free, uncontrolled, “folksonomic”
- Structure emerged organically
Fig. 4. Clustering of retrieved photos by Flickr for ‘peace’ (as of June 15, 2009).
Classification

- Completely free, uncontrolled, “folksonomic”
- Structure emerged organically
- Socio-linguistic, consensual ontological trends, patterns
photo by Hughes Léglise-Bataille

paris france 2006
olympus e500 color
protest riot demonstration CPE fire
photojournalism firemen explorepage interestingness interestingness manifestation flickrblog topphoto top-v10000 MAX magazine top-f100 topphoto top-f200 top-f50 topphoto top-f25 topphoto top-f400 topphoto top-v13000 topphoto top-v14000 topphoto top-f400 topphoto top-v15000 topphoto ULTRASELECTED nocrop

burning pompier topphoto top-v15000
photo by Hughes Législe-Bataille
Classification

- Completely free, uncontrolled, “folksonomic”
- Structure emerged organically
- Socio-linguistic, consensual ontological trends, patterns
- Multilingual description
Classification

• Completely free, uncontrolled, “folksonomic”

• Structure emerged organically

• Socio-linguistic, consensual ontological trends, patterns

• Multilingual description

• Machine tags
folksonomy

machine tags

taxonomy
All Photos Tagged taxonomy:kingdom=Animalia

- Calandria común - Chalk-browed Mockingbird
- Thank you for your faves and kind comments, very much appreciated -
- Given the time of year, this fresh Mourning Cloak is likely to hibernate for the winter
- En Biodiversidad virtual

seen near YS Falls in Saint Elizabeth Parish

taxonomy:kingdom=Animalia
Tag Cloud

1876centennial, exhibition, 1893, 1900s, 1925, 1989, 19thcentury, africa, africanamerican, airmail, airplane, american, americanindian, artist, artists, astralphotography, astronomer, astronomy, author, beard, biologist, blimp, plane, birds, black, blackandwhite, blackwhite, blue, bowtie, boy, building, bw, california, celebration, chair, chandra, chandratelescope, chandraxrayobservatory, chemist, chicago, child, clerk, coat, columbiaexposition, compositeimage, costume, crowd, curtissjn4h, cyan, cyanotype, dance, dancer, dancing, dc, displaycase, dog, edwardscurtis, engineer, evolution, exhibits, expo, feathers, festival, fish, flags, folklife, folklife, festival, formal, galaxycluster, garden, gathering, grass, hat, horse, house, hudsoniverson, school, impressionist, inauguration, jefftinsley, jenny, landscape, letter, lincoln, memorial, mail, mailbox, mailman, male, man, mathematician, medicalscientist, men, milkyway, monkey, trial, moustache, museum, museumfurniture, mustache, nationalmalls, nativeamerican, nativeamericans, naturalhistory, newyork, newyorkarmoryshow1913, newyorkcity, old, omaha, owney, painter, painting, philadelphia, photographichistorycollection, physicist, pilot, pincenez, portrait, postoffice, powwow, president, presidentwilliamjclinton, railwaypostoffice, red, regalia, scientist, scopes, sculptor, sculpture, seated, sepia, sideburns, smithsonian, institution, steamboat, steampunk, streetcar, studio, supernovaremnant, taxidermy, tie, tradition, train, uniform, usa, usps, victorian, vintage, wagon, washington, washingtondc, washington, monument, water, thepeople, white, woman.

This is a list of Smithsonian Institution's 150 most popular tags. You can see all Smithsonian Institution's tags here.
hannahlasco says:
but that's so cute!!
artland says:

wonderfulllllllllllllll !!!!!!!!
!!!!!!!!

----------
zyrcster says:
Willard Delmont Doremus, of Washington DC, was quite the inventor. His US Patent of 1889 for this mailbox can be seen here. Other patents on file for him are found here and here.

He had also been acquitted of a conspiracy charge In a Post Office Case of 1906 and was involved in a 1911 US District court case in regard to his cotton gin.

Tony Shaman says of his postbox, "In 1889 the U.S. Post Office Department ordered a new style letter box that had been designed by Willard D. Doremus. Three sizes of the design were produced. Unfortunately, they were poorly made and did not stand up well. Thieves were able to break into them to steal valuable mail. Nor did their poor construction keep out snow, sleet, or rain."

Mr. Doremus also created a postal canceling machine in use from 1899 through World War II in the US. Some examples of these cancellations are found midway through this page.

--

Seen in a discussion of Flickr Commons. (?)
Smithsonian Institution
snow
winter
boy
child
mail
letter
US
mailbox
bw
grain
texture
post
usps
history
doremus
william doremus
design
letterbox
1880s
national postal museum
postal
mailboxes
halftone
young
lad
newsprint
boots
gloves
hat
city
street
town
iron
america
usa
mailing
sending
Willard Delmont Doremus
US Mail
Victorian
19th century
nineteenth century
http://flickr.com/photos/smithsonian/3113302958/
Description: Interior of Tanner's studio in Paris. Identification on verso (handwritten): Bust of Henry O. Tanner in the corner given by Jesse O. Tanner to the Metropolitan Museum. (Where is it now?) A studio at 51 Rue St. Jacques, Paris. At one time my father had two studios in the same building.
Tanner, Henry Ossawa, 1859-1937

Creator/Photographer: Unidentified photographer
Description: Interior of Tanner's studio in Paris. Identification on verso (handwritten): Bust of Henry O. Tanner in the corner given by Jesse O. Tanner to the Metropolitan Museum. (Where is it now?) A studio at 51 Rue St. Jacques, Paris. At one time my father had two studios in the same building.
Tanner, Henry Ossawa, 1859-1937

Creator/Photographer: Unidentified photographer
This information may change as the result of ongoing research.

Artist/Maker
Charles Grafly (1862–1929)

Title/ObjectName
Henry O. Tanner

Date
1896

Medium
Painted plaster

Dimensions
28 x 12 x 9 3/4 in. (71.1 x 30.5 x 24.8 cm)

Credit Line
Gift of J. O. Tanner, 1949 (49.54)

Signatures, Inscriptions, and Markings
Signature: [left side]: Grafly / Paris 96

Signatures, Inscriptions, and Markings
Additional Views (Total: 2)

Smithsonian Keywords
1980s, president, ceremony, capitol, 
1989 Presidential Inauguration, 
George H. W. Bush, Opening
Ceremonies, Swearing In

Flickr Tags
Smithsonian Institution, John Dillaber, 
President George Herbert Walker
Bush, Barbara P. Bush, Chief Justice 
William Rehnquist, President, 
Inauguration, 1989, armor, armour, 
lecturn, heater, wiring, microphone, 
robe, judicial robe, judge, blue, red,
Bible, oath, swearing in, ceremony,
Smithsonian Keywords
1980s, president, ceremony, capitol, 1989 Presidential Inauguration, George H. W. Bush, Opening Ceremonies, Swearing In

Flickr Tags
Smithsonian Institution, John Dillaber, President George Herbert Walker Bush, Barbara P. Bush, Chief Justice William Rehnquist, President, Inauguration, 1989, armor, armour, lectern, heater, wiring, microphone, robe, judicial robe, judge, blue, red, Bible, oath, swearing in, ceremony, lectern
Smithsonian Keywords
1980s, president, ceremony, capitol, 1989 Presidential Inauguration, George H. W. Bush, Opening Ceremonies, Swearing In

Flickr Tags:
Smithsonian Institution, John Dillaber, President George Herbert Walker Bush, Barbara P. Bush, Chief Justice William Rehnquist, President, Inauguration, 1989, armor, armour, lecturn, heater, wiring, microphone, robe, judicial robe, judge, blue, red, Bible, oath, swearing in, ceremony, lectern
Flickr Commons

• Passionate “cataloguers” with time to give

• Real, new information gathered - *multiple points of entry*

• Information ingested from Flickr into catalogues
Big Library Data
30 million records, editable by anyone
2009-2011
Open Library is yours to read, correct & hack.

Books to Read  The World's classic literature at your fingertips. Over 1,000,000 free ebook titles available.

The “Return Cart”  Here's a sample of recently returned books from the eBook lending library.
Open Library

• “Wikipedia for books”

• 30+ million records from 50+ “official” sources

• Full of errors and inconsistency

• Original records made by humans, in constrained system

• Deployed FRBR in 2011
Open Library

• Built tools to improve internal consistency
• Show activity, highlight actors
• Bots doing tiny, precise edits
• API can be hit with lots of different identifiers
Mark Twain
Mark TWAIN
M. Twain
TWAIN
Twain
Twain Mark
Twain, Mark (pseud)
Twain, Mark (Spirit)
Twain, Mark, 1835-1910.
TWAIN, MARK, 1835-1910.
Mark (Samuel L. Clemens)
Twain
Samuel Langhorne Clemens
(Mark Twain)
Samuel Langhorne Clemens
### History of edits to Mark Twain

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oclcBot
Updated millions of OL records to add OCLC numbers, matching on ISBN.
openlibrary.org/dev/docs/bots
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<th>WHAT</th>
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</table>
> I AM YOUR HARVESTING AGENT

> gfns.uk

photo by lomokev
Two Way Street
twoway.st

• Made in 2015

• Independent explorer of the British Museum

• 2.2 million records - RDF, CIDOC-CRM

• 3 people

• 1 week
Collection online

Search the collection

Images only
Using the general search

To search across the whole database, just type a term into the main search box and click ‘Search’.

This general search is useful if using specific words regardless of where they might be recorded in the database. For searches where the context in which a word might be recorded in relation to an object, or where a term might be stored in a hierarchy such as Materials or Places, using the advanced search functions will produce more focussed results.

As with other search facilities, you can use an asterisk following a term to retrieve results including words beginning with, ending with, or containing the word entered. For example, searching for port* will find 'port', 'ports', porthole, etc.

More than one search term can be entered, as well as certain forms of punctuation and the operator 'OR' (which must be in upper-case) to broaden the results.

For example:

- elephant giraffe: will find all records with both words
- rim OR base: will find records containing either word
- "St Peter" will find records containing that exact phrase

This search can be used in combination with the Advanced Search
That’s the digital entry point to the British Museum.
## Index of /dumps

<table>
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<th>Last modified</th>
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Welcome to Two Way Street, an independent explorer for The British Museum collection.

We’ve ingested 1,953,198 of about 2.2 million records.

Acquisitions by Decade, since 1753

Acquisitions mostly from Department of Environment and Transport, Augustus Wollaston Franks, ifs School of Finance
1980s
mostly from G B Mantovani, Antoine Seilern, Carfax & Co

mostly from Charles A Hersh, W S Lincoln, Richard Payne Knight
Techniques

- **etched**: 116,453 things
- **painted**: 82,203 things
- **engraved**: 60,271 things
- **drawn**: 59,673 things

School

- **British**: 132,455 things
- **French**: 43,761 things
- **German**: 31,252 things
- **Dutch**: 22,183 things
Hamburg 22 things

Acquisitions

mostly from Georg Ernst Harzen, Campbell Dodgson, Eivind Otto Hjelle

- paper 19 things
  - and bronze, gold, silver
- print 19 things
  - and medal, coin
- etching 13 things
  - and aquatint, collagraph, drypoint
- German 11 things
  - and Danish, British
- church 8 things
  - and architecture, bridge, bird
- 1851 8 things
  - and 1849, 1883, 1825
**Thing**
- Made of: paper
- Type of Thing: print
- School: Danish
- Subject: church
- Techniques: etching

**People**
- Acquired From: Harzen, Georg Ernst to The British Museum
- Printmaker: Bundsen, Jes

**Place**
- Place Depicted: Hamburg
- In Gallery: Scandinavian XVIIIC
- Unmounted Roy

**Time**
- Acquired in: 1851
- Made: 1814-1815
Hamburg 53 things

Acquisitions

mostly from Frederick Startridge Ellis, Edward Hawkins, Henry Spencer Ashbee

- **paper** 53 things
- **print** 53 things and book-illustration, satirical print, frontispiece
- **German** 48 things and British
- **etching** 38 things and stipple, hand-coloured, lithograph
- **1863** 23 things and 1870, 1868, 1861
- **satire** 10 things and classical deity, war, classical mythology
Endliches Schicksal.

Ultimate Fate
<table>
<thead>
<tr>
<th><strong>Thing</strong></th>
<th><strong>People</strong></th>
<th><strong>Place</strong></th>
<th><strong>Time</strong></th>
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<td>Martin, Henry W to The British Museum</td>
<td>Satires German 1815 Unmounted Roy</td>
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<td><strong>MADE OF</strong></td>
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<td>Napoleon I</td>
<td>Hamburg</td>
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Thing
IN SERIES
Carricaturen, 1stes Heft; Sammlung der witzigsten Zerrbilder welche zu Ehren des Herrn Noch Jemand und Consorten erscheinen sind

MADE OF
paper

TYPE OF THING
print, satirical print, book-illustration

SCHOOL
German

SUBJECT
war, satire

TECHNIQUES
hand-coloured, etching

People
ACQUIRED FROM
Martin, Henry W to The British Museum

PREVIOUS OWNER
Napoleon I

PUBLISHER
Romsälsler, F W

Place
IN GALLERY
Satires German 1815 Unmounted Roy

PUBLISHED IN
Hamburg

Time
ACQUIRED IN
1861

MADE
1815
Napoleon I 1,844 things

Acquisitions

mostly from Edward Hawkins, Duncan, Adela Kepple Taylor

- paper 1,383 things and bronze, silver, brass
- print 928 things and satirical print, drawing, medal
- British 856 things and French, Italian, German
- etching 846 things and hand-coloured, drawn, aquatint
- satire 839 things and sculpture, arab, battle
- 1868 464 things and 1836, 1898, 1977
Buonaparte and his Old Friend on their Travels!
Empty fields

We failed to find metadata for the fields listed below. It’s very likely the British Museum RDF record contains the answer.
(You can click on these, but the ones with "_" in them don’t work as facets. You’ll see a blank page. We’ll fix that at some point.)

label   Exhibition   About the Works Of   Depicted   Depicted   Depicted   Previous Owner   In Inscription
Place Depicted   Inscribed With   From   About   Authority (?)   bibliographic_reference   Inscription By
In Series   dimension_depth   dimension_height   dimension_length   dimension_thickness
dimension_weight   dimension_width   By Ethnic Group   Found, Excavated, Collected By   Found In
inscription_note   In Gallery   Author   Calligrapher   Designer   Artist   Influenced By
Likely / Unlikely (?)   Painter   Painted In   Period/Culture   Photographer   Printmaker   Publisher
Published In   px_condition   Exhibition History   px_object_exhibition_label   School
title_translation   Ware

Code / Data

View JSON   /   Download RDF   /   View RDF (web view)   /   Search British Museum website for object
The Devil pushes Napoleon down a slope towards the jaws of Hell (cf. BMSat 11036), while he directs him to look through his glass at a sun, East Indies, irradiating the sky, above the flames which his victim has not seen. He says: "There my fine little fellow - what do you think of that prospect - I always told you there was nothing got by staying at home, - that is the way to dish John Bull". Napoleon says: "It is certainly a very inviting prospect ". The sun appears above a hill to which a road ascends but is barred by the fierce flames issuing from the gaping jaws of a huge monster (r.) in which two grinning demons await the Emperor with pitchforks. One says: "I always said with the help of our Old Master we should have him at last". In the background (l.) a road leads to a building among trees: 'St Cloud'.

15 November 1808

Hand-coloured etching

http://twoway.st/things/PPA82903.json

toway.st - Things with Published In = Hamburg
toway.st/facets/production_published_in/Hamburg
An old woman showing a young boy a pair of scales in which a pelican has made a nest for its young;... The science teacher; various groups conducting physical experiments in a room; illustration to... Title-page and frontispiece to Voss's 'Musenalmanach', Hamburg: Bohn 1776; with a bust-length... A commemorative ...

toway.st - Things with Place Depicted = Hamburg
toway.st/facets/associated_place_depicted_it/Hamburg

toway.st - Things with About = Hamburg
toway.st/facets/associated_place_referred_place/Hamburg
3 things. and etching, letterpress, colour · Germany. 2 things. An00159560 001 I · An00251805 001 I · An00253006 001 I · An00253324 001 I · An00329736 001 I · An01128589 001 I · An01128619 001 I · An01128624 001 I · An01128627 001 I · Greeting-card; for St Nicholas' Day, with schematic view of ships at Hamburg; ...

toway.st - Hamburg, Reicherstiegdock
toway.st/things/PPA8685
Empty fields. We failed to find metadata for the fields listed below. It's very likely the British Museum RDF record contains the answer. (You can click on these, but the ones with "_" in them don't work as facets. You'll see a blank page. We'll fix that at some point.) image_url Exhibition Related Event About the Works Of ...

toway.st - Things with Found, Excavated, Collected By = Hamburg
toway.st/facets/associated_found_excavated_collected_by/Hamburg

RDF hairball was hard to consume, even harder to traverse.
Squished down to single key:value field array for each object
Used Elasticsearch like a data store
Built machine-consumable pages
Linked back to original data source
Not bad!
Wellcome Library

• Made in 2016, commissioned exploration leading to alpha

• ~ 1 million records, MaRC + archives

• 3 people

• 4 x 1 week sprints

• Connected VIAF, LCSH, MeSH, Wikidata en masse
<table>
<thead>
<tr>
<th>Week 1</th>
<th>Scope of the Catalogue</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week 2</td>
<td>Show the Thing</td>
</tr>
<tr>
<td>Week 3</td>
<td>Context around content</td>
</tr>
<tr>
<td>Week 4</td>
<td>Scalability</td>
</tr>
</tbody>
</table>
Week 1: Scope
Which Fields Are Used Most?

This first graph is a map of the whole database. Each shaded area represents a single MARC field. The black areas are the MARC fields that are most used. You can click through a MARC field of interest to see a more detailed snapshot.

This second graph shows the same information in a different way. You can see each MARC field in detail, and click through to get deeper information about how the field is used, and how controlled (or not) it is.

<table>
<thead>
<tr>
<th>MARC</th>
<th>COUNT</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>840,517</td>
<td>87.31%</td>
</tr>
<tr>
<td>Control Number (nr)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>003</td>
<td>216,391</td>
<td>22.48%</td>
</tr>
<tr>
<td>Control Number Identifier (nr)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>006</td>
<td>40,477</td>
<td>4.2%</td>
</tr>
<tr>
<td>Fixed-length Data Elements--additional Material Characteristics--general Information (r)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>007</td>
<td>172,263</td>
<td>17.89%</td>
</tr>
<tr>
<td>Physical Description Fixed Field--general Information (r)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Which Fields Are Used Most?

This first graph is a map of the whole database. Each shaded area represents a single MARC field. The black areas are the MARC fields that are most used. You can click through a MARC field of interest to see a more detailed snapshot.

This second graph shows the same information in a different way. You can see each MARC field in detail, and click through to get deeper information about how the field is used, and how controlled (or not) it is.

<table>
<thead>
<tr>
<th>MARC</th>
<th>COUNT</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>998</td>
<td>962,701</td>
<td>100.0%</td>
</tr>
<tr>
<td>008</td>
<td>962,701</td>
<td>100.0%</td>
</tr>
<tr>
<td>907</td>
<td>962,701</td>
<td>100.0%</td>
</tr>
<tr>
<td>245</td>
<td>962,662</td>
<td>100.0%</td>
</tr>
</tbody>
</table>
Main Entry--personal Name (nr)

516,804 records

Creator personal name

Dates associated with creator

Date of a work

Creator personal name

1. Anon. 5,239
2. Thomson, J. 1,363
3. Wesley, John. 932
Main Entry--personal Name (nr) /

Defoe, Daniel,

756 records

The chart below is a map of the first 500 records where the 100a field is Defoe, Daniel. There's a row for every record, and you can click on a row to see its MARC record.

KEY: archive iconographic everything else
Week 1: Scope

What’s In The Library? A month of digital prototyping for Wellcome Library
Week 1 / Week 2 / Week 3 / Week 4

1 volume
14980 records

1.56% of the collection has a value for this

The chart below is a map of the first 500 records with a value in the 1 volume field. There’s a row for every record, and you can click on a row to see its MARC record.
1 Volume

678 records

The chart below is a map of the first 500 records with a value in the 1 Volume field. There's a row for every record, and you can click on a row to see its MARC record.
Week 1: Scope

London :
[London] :
[London] :
[London] :
[London,
Londini :
[London? :
[London?] :
[London?,
[London],
Londres
A Londres :
[London]
London,
Imprinted at London :
London:
London.
London [England] :
Lugduni :
Londres [i.e. Paris?] :
Printed at London :
Londra :
A Londres [i.e. Paris?] :
At London :
Londres [i.e. Paris],
[London (20 Threadneedle Street)] :
London (26 Haymarket) :
[London] (Paternoster Row) :
[London?],
London (Upper Gower Street) :
London, England :
London [etc.] :
Summary in English.
Summaries in English
Includes summary in English.
Summary in English
Some summaries in English
Includes summary in English
English summaries.
Some summaries in English.
Summary in English (p.4)
Includes Summary in English.
Some English summaries
Summaries in English in later vols
Summaries also in English
Includes summaries in English.
With English summary.
In English.
In English
In English.
This edition in English.
English.
Text in English.
Text in English
English
English version.
This edition is in English and an undetermined language with English subtitles.
Subjects Over Time

We're looking at 898,677 records, 40,906 of which are digitised. (That's 4.55% of the total.)

Sort by: year / records / digitised | Hide "monkey" years?
Week 2: Show the Thing

1893

2,021 records
258 digitised • 12.77%
Week 2: Show the Thing

By Year /

1893

2,021 records
258 digitised • 12.77%

Subjects: Ophthalmology, Medicine, Eye, Carcinoma, Cholera

Genres: Electronic books, Archives, Electronic books, Academic dissertations, Annual reports.

Carriers: volume, sheet, online resource

http://thing.whatsinthelibrary.com/by_year/1893
Week 2: Show the Thing

Subjects /

Eye

http://thing.whatsinthelibrary.com/subjects?subject=Eye
Topographische anatomie des menschlichen Orbitalinhalts in tafeln /
<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Description</td>
<td>Fixed Field -- general Information</td>
</tr>
<tr>
<td>Fixed-length Data Elements</td>
<td>General Information</td>
</tr>
<tr>
<td>System Control Number</td>
<td>035</td>
</tr>
<tr>
<td>Main Entry - personal Name</td>
<td>100</td>
</tr>
<tr>
<td>Title Statement</td>
<td>245</td>
</tr>
<tr>
<td>Publication, Distribution</td>
<td>260</td>
</tr>
<tr>
<td>Physical Description</td>
<td>300</td>
</tr>
<tr>
<td>Location Of Originals/duplicates Note</td>
<td>535</td>
</tr>
<tr>
<td>Receipt Date Note</td>
<td>590</td>
</tr>
</tbody>
</table>

Topographische anatomie des menschlichen Orbitalinhalts in tafeln

007 Physical Description Fixed Field -- general Information
008 Fixed-length Data Elements -- general Information
035 System Control Number
100 Main Entry -- personal Name
245 Title Statement
260 Publication, Distribution, Etc. (imprint)
300 Physical Description
535 Location Of Originals/duplicates Note
590 Receipt Date Note (vm) [obsolete]
Week 2: Show the Thing
Topographische anatomie des menschlichen Orbitalinhalts: in tafeln

N. trochlear.
N. naso-ciliaris.
M. oblique sup.
Art. ophthalm. (naso-front.)
M. rect. int.
N. oculomotor.
Art. Art. ciliares.
N. lacrymol.
Art. lacrymal.
Art. Art. musculo-ciliares.
M. rect. est.
N. N. ciliares.
N. N. ciliares.
What’s In The Library?  A month of digital prototyping for Wellcome Library
Week 1 / Week 2 / Week 3 / Week 4
Read the Project Blog

Subjects

Order by: Count | Digitised Count | Alphabetical

1. Medicine 14,002 records • 1.26% digitised
2. Science 7,094 records • 0.59% digitised
3. English poetry 6,927 records • 0.0% digitised
4. Medicine 5,774 records • 0.92% digitised
5. Public Health 5,570 records • 2.32% digitised
6. AIDS (Disease) 4,943 records • 59.22% digitised
7. Botany 3,877 records • 0.23% digitised
8. Physicians 3,845 records • 1.14% digitised
9. Sanitation 3,822 records • 2.69% digitised
10. Ophthalmology 3,384 records • 7.77% digitised
11. Water Supply 3,374 records • 3.14% digitised
12. Sermons, English 3,280 records • 0.0% digitised
13. Hospitals 3,196 records • 1.0% digitised
14. Disease Outbreaks 3,165 records • 0.63% digitised
15. Science 3,128 records • 1.69% digitised
16. Physicians 3,012 records • 1.73% digitised
17. Women 2,999 records • 1.37% digitised
18. Eye 2,888 records • 9.14% digitised
19. Astrology 2,884 records • 0.31% digitised

You can’t beat an ordered list.
Week 3: Context
The GOUT.
James Gillray (13 August 1756 or 1757 – 1 June 1815) was an English caricaturist and printmaker famous for his etched political and social satires, mainly published between 1792 and 1810.

Many of Gillray’s prints depicted various forms of medical conditions and interventions, often lampooning quack doctors and painful ‘cures’. That's largely why there are lots of his works at Wellcome.

A Selection of Gillray's Works

Henry Wellcome actively collected satires as rich iconographic sources of social comment on hot topics of their time - the medical profession, for example. There is scarce provenance information on many of them but it is likely that he acquired in groups at auction not individually as they might have been sold originally.
“This feels like I’m walking around a museum. At first i thought it was just going to be a list of stuff, until I saw the editorial… This feels new.”

- Matt Webb, friendly visitor
Week 3: Context

Other identifiers for James Gillray

We've collected together all the IDs we could find for James Gillray in other people's databases and Authority Files.

Having these IDs means we can construct links to other websites and catalogues, which may be helpful for finding more Gillrays, or perhaps for collecting (or verifying) metadata about Gillrays in the Wellcome Library collection.

<table>
<thead>
<tr>
<th>Organisation</th>
<th>ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wikidata</td>
<td>Q520806</td>
</tr>
<tr>
<td>VIAF (Virtual International Authority File)</td>
<td>66735065</td>
</tr>
<tr>
<td>Library of Congress</td>
<td>n50033402</td>
</tr>
<tr>
<td>National Library of Australia</td>
<td>35125322</td>
</tr>
<tr>
<td>International Standard Name Identifier</td>
<td>0000 0000 8390 3643</td>
</tr>
<tr>
<td>GND (German National Library)</td>
<td>118694995</td>
</tr>
</tbody>
</table>
Welcome to Week 4!

Our work this week is about Scalability. We're hoping to take the work of the previous three weeks - scope, show the thing and context - and bundle it together in a fourth exploration. We're curious to see how we can enrich the MaRC across 962,000 records programmatically. Here are a few pointers to help you get started:

### Interesting People
- Galen
- Marie Stopes
- Henry S. Wellcome
- Our Week 3 friend
- James Gillray
- Edward Jenner
- Vesalius
- Charles Darwin
- Francis Crick
- John Snow
- Florence Nightingale
- Melanie Klein

### Curious Subjects
- Cooking
- Public health
- Nurses
- Cultural anthropology
- Anatomy
- Plague
- Apparent death
- Psychiatric hospitals
- Fetishism
- Alchemy
- Flowers
- and Crutches

### Daily Work Log

**Day 1**
- We've started building a list of People.
- Here's a subject page about Blood
- On hemorrhoids thing page
Henry Maudsley

1835–1918

Henry Maudsley FRCP was a pioneering British psychiatrist, commemorated in the Maudsley Hospital in London and in the annual Maudsley Lecture of the Royal College of Psychiatrists. Wikipedia

Subjects

Mental Disorders  Psychophysiology  Psychology  Psychophysiological Disorders  Insanity (Law)  Mind and body  Pathological Psychology  Heredity  Psychiatry  Volition  Psychopathology  Mental Processes  Mentally Ill Persons  Philosophy  Intelligence  Mental illness  Social Psychology  Religion

Timeline

1835  1845  1861  1867  1868  1870  1871  1873  1874  1875  1876  1877  1878  1879  1880  1881  1882  1883  1884
Week 4: Scalability
Subjects

1. Great Britain - 33,081 things
2. Medicine - 18,492 things
3. United States - 10,929 things
4. Science - 8,881 things
5. Public Health - 7,934 things
6. English poetry - 7,489 things
7. Physicians - 6,528 things
8. London (England) - 6,141 things
9. France - 6,030 things
10. Hospitals - 5,657 things
11. Church of England - 5,368 things
12. Botany - 5,236 things
Microbiology

The study of microorganisms such as fungi, bacteria, algae, archaea, and viruses. MeSH

Often Seen With

Microbiology (history), Life sciences, Bacteriology, Bacteria, Allergy and Immunology, Communicable Diseases, Medicine, Parasitology, Pathology, Immunity, Viruses, Microbiological
Ending with a challenge...
Systems without legacy
Born digital, active participants, live data, data structure done
How can we avoid copying errors and bloat?
Temporary Note (will Disappear At Some Point)

315,121 records

Note

1. OCLC reclamation file 2  60,000
2. OCLC reclamation file 4  60,000
3. OCLC reclamation file 5  60,000
4. OCLC reclamation file 3  59,996
5. OCLC reclamation file 1  59,992
6. OCLC reclamation file 6  15,133

Should these be in the Linked Data Cloud?
### Table 2.1: MARC tags occurring in 20% or more of WorldCat records

<table>
<thead>
<tr>
<th>MARC Tag</th>
<th>Description</th>
<th>Occurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>Control number</td>
<td>100%</td>
</tr>
<tr>
<td>008</td>
<td>Fixed-length data elements</td>
<td>100%</td>
</tr>
<tr>
<td>040</td>
<td>Cataloging source</td>
<td>100%</td>
</tr>
<tr>
<td>245</td>
<td>Title statement</td>
<td>100%</td>
</tr>
<tr>
<td>260</td>
<td>Imprint statement</td>
<td>96%</td>
</tr>
<tr>
<td>300</td>
<td>Physical description</td>
<td>91%</td>
</tr>
<tr>
<td>100</td>
<td>Main entry – personal name</td>
<td>61%</td>
</tr>
<tr>
<td>650</td>
<td>Subject added entry - topical term</td>
<td>46%</td>
</tr>
<tr>
<td>500</td>
<td>General note</td>
<td>44%</td>
</tr>
<tr>
<td>700</td>
<td>Added entry – personal name</td>
<td>28%</td>
</tr>
<tr>
<td>020</td>
<td>International Standard Book Number</td>
<td>23%</td>
</tr>
</tbody>
</table>
Minimum viable record?
Klappstuhlclub

http://www.klappstuhlclub.de/

Klub складных стульев приветствует своих товарищей из Москвы. (Der Klappstuhlclub grüßt seine Genossen aus Moskau). So klapp's: Klappstuhl mithringen, was zu Trinken & aufklappen!

257. Berliner Treffen: Zukunft am Ostkreuz
eingestellt von Marc

Treffen in Berlin finden bis auf weites am erstem Mittwoch im Monat um 20 Uhr statt

Nummer 257
Datum 01.11.2017 20:00
Stadt Berlin

RDF | JSON | N3 | NTriples

Geotag: 52.5016516,13.465544799999975

Allgemein, Aufgeklappt, Treffen Berlin | No Comments »

256. Berliner Treffen: Weberwiese
eingestellt von Björn

Nach langer Zeit wird wieder aufgeklappt! Um 20:00 auf der Weberwiese.

http://www.klappstuhlclub.de/
Folding chair club

Клуб складных стульев приветствует своих товарищей из Москвы. (The folding chair club greets its comrades from Moscow). This is how it works: bring your folding chair, what to drink & open!

257th Berlin Meeting: Zukunft am Ostkreutz
set by Marc

Meetings in Berlin take place until far on the first Wednesday of the month at 20 clock

number 257

date 01.11.2017 20:00
city Berlin

RDF | JSON | N3 | NTriples

Geotag: 52.5016516,13.46554479999975

General, unfolded, meeting Berlin | No Comments »

256th Berlin Meeting: Weberwiese
set by Björn

After a long time, it will open again! At 20:00 on the Weberwiese.

http://www.klappstuhlclub.de/
Tiny ontology, surgical updates
“Make available” is really different to “actively connect”
All things are delicately interconnected.
You’re unique!

(Even though your collection may relate to general entities!)
Thanks!

George Oates / @ukglo
    glo@gfns.uk

SWIB, Hamburg, December 2017