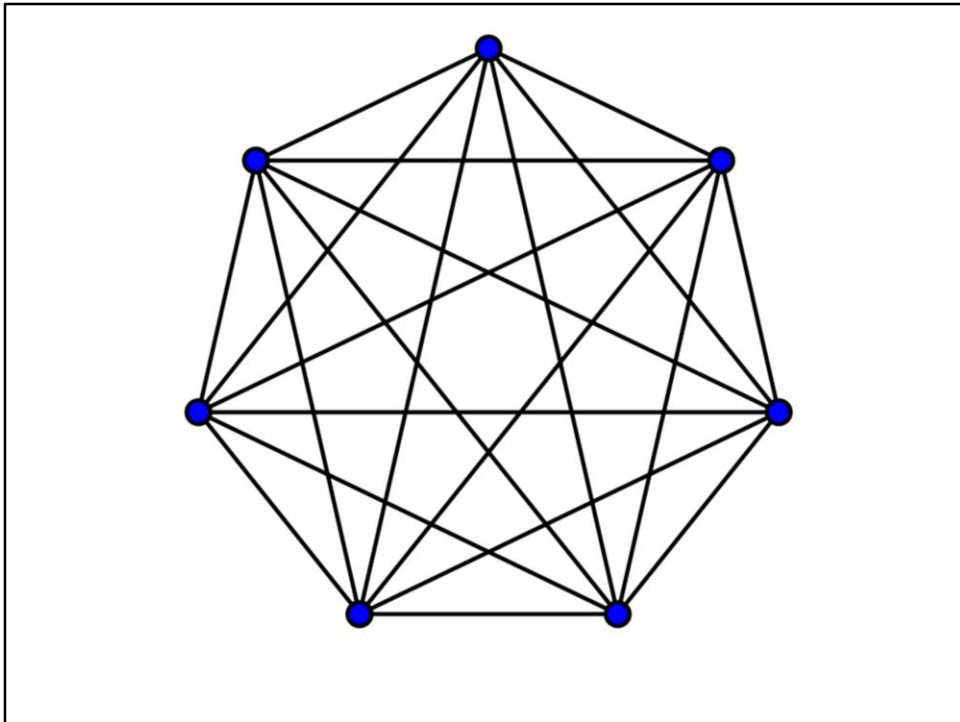


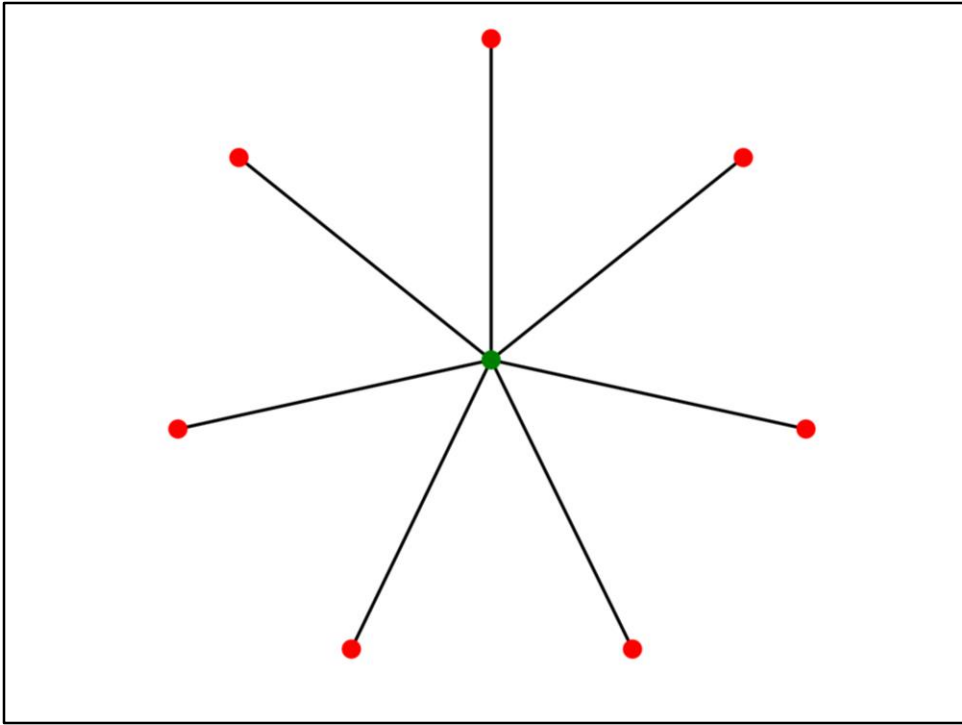
Wikidata for GLAMs

Maarten Dammers
@mdammers

- A general introduction to Wikidata, for GLAMs
- Introduce myself. Nlwp, Commons, Wikidata, GLAMwiki, bots, Wiki Loves Monuments, uploads,



- Interlanguage (interwiki) links used to be local
- Lot's of bots running around doing updates.
- Didn't scale
- https://commons.wikimedia.org/wiki/File:Complete_graph_K7.svg



- Proposal to put this in a central place
- Start of Wikidata

https://www.wikidata.org/wiki/Q1

English Multichill Talk Preferences Beta Watchlist Contributions

Item Discussion Read Labels list View history More Search

universe (Q1)

totality of planets, stars, galaxies, intergalactic space, and all matter and energy
cosmos | The Universe

In more languages

Language	Label	Description	Also known as
English	universe	totality of planets, stars, galaxies, interg...	cosmos The Universe
German	Universum	Gesamtheit der Energie, des Raumes u...	Weitall All Kosmos Weltraum
Spanish	universo	totalidad del espacio-tiempo, la materia ...	cosmos
French	Univers	ensemble des planètes, des étoiles, de...	Cosmos
Dutch	heelal	alle materie en energie binnen het geh...	universum kosmos cosmos
Portuguese	universo	tudo o que existe fisicamente, a totalida...	Universo cosmos

Main page
Community portal
Project chat
Create a new item
Item by title
Recent changes
Random item
Help
Donate

Print/export
Create a book
Download as PDF
Printable version

Tools
What links here
Related changes
Special pages
Permanent link
Page information
Concept URI
Cite this page

- It started with Q1, the universe somewhere back in October 2012
- This is what you call an item



- Wikidata was born
- That was almost 5 years ago
- First edit October 2012
- Relatively young project (Wikipedia started in 2001)
- https://commons.wikimedia.org/wiki/File:Logo_5th_Wikidata_Birthday.png

Johannes Vermeer (Q41264)

[edit]

Dutch 17th century painter

Jan Vermeer | Johannes Vermeer van Delft

▼ In more languages

Language	Label	Description	Also known as
English	Johannes Vermeer	Dutch 17th century painter	Jan Vermeer Johannes Vermeer van Delft
German	Jan Vermeer	Holländischer Maler	Johannes Vermeer Joannis van der Meer Jan Vermeer van Delft Joannis ver Meer
Spanish	Johannes Vermeer	No description defined	Johannes van der Meer Jan Vermeer Vermeer de Delft Vermer Jan Vermeer van Delft Johannes Vermeer van Delft Vermeer
French	Johannes Vermeer	peintre hollandais	Vermer Jan Vermeer van Delft Jan Vermeer Vermeer de Delft Vermeer
Dutch	Johannes Vermeer	Nederlands kunstschilder	

- The different parts of an item
- Label – No disambiguation
- Description – Short description
- Alias – Other names
- Every Wikipedia articles has an item



- Links to Wikipedia
- Also to other sites
- Badges

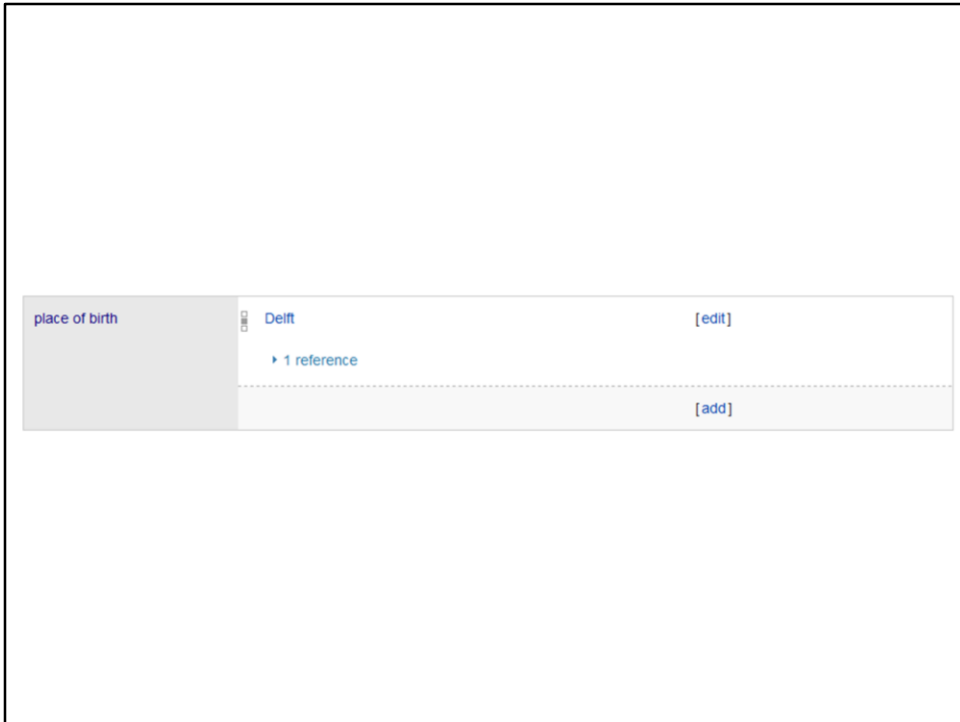
place of birth (P19) [edit]

the most specific known (e.g. city instead of country, or hospital instead of city)
 birthplace | born in | POB | birth place | location born | born at | birth location | location of birth


▼ In more languages

Language	Label	Description	Also known as
English	place of birth	the most specific known (e.g. city instead of c...	birthplace born in POB birth place location born born at birth location location of birth
German	Geburtsort	Ort, in dem ein Mensch geboren wurde	geboren in
Spanish	lugar de nacimiento	Sitio donde nació una persona. Usar el sitio m...	
French	lieu de naissance	lieu où la personne est née, le plus spécifique...	né à naissance née à
Dutch	geboorteplaats	de meest specifieke bekende geboorteplaats ...	
Portuguese	local de nascimento	local de nascimento da pessoa (o mais espec...	lugar de nascimento nasceu em nascido em

- Properties, do be used on items
- Same structure with labels, descriptions, aliases
- Just like items all multilingual



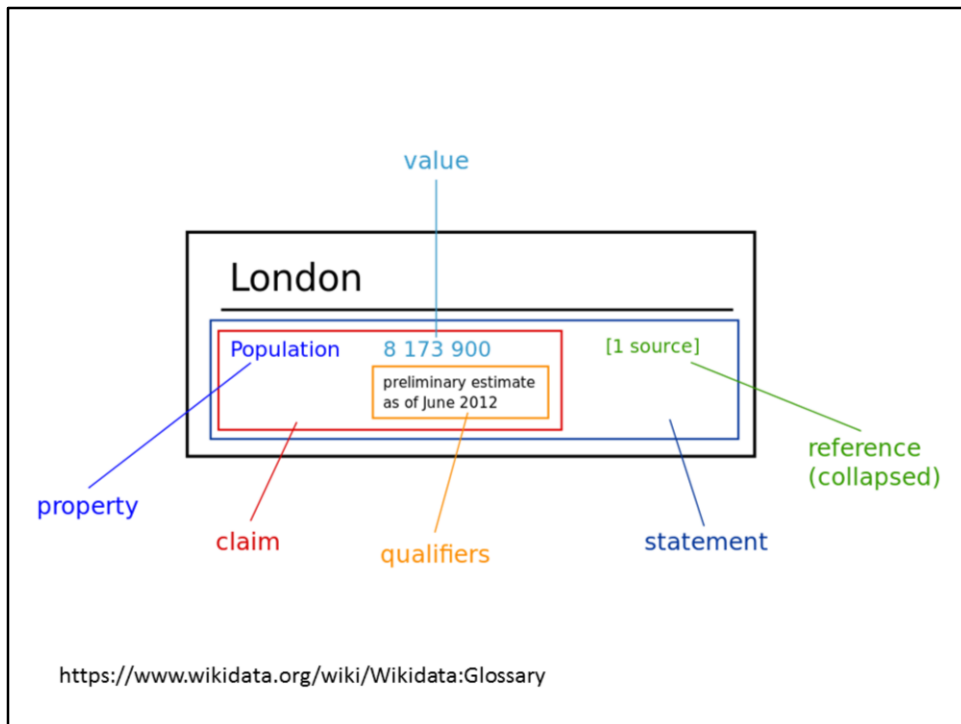
- A claim is a property -> right hand (can be item of some other type like string, image, coordinate)

inventory number	SK-A-2344	[edit]
	collection	Rijksmuseum
	▼ 1 reference	
		[edit]
	reference URL	https://www.rijksmuseum.nl/en/collection/SK-A-2344 
	retrieved	9 April 2015
		[add reference]
		[add]

- Claim with source added and here we have a qualifier
- This is called a statement
- References, we like references *a lot*: There is no truth, only sources



- Milkmaid!
- Previous statement is on the item about this painting
- https://commons.wikimedia.org/wiki/File:Johannes_Vermeer_-_Het_melkmeisje_-_Google_Art_Project.jpg (?)



- Here you see the different parts
- Difference between claim and statement
- https://commons.wikimedia.org/wiki/File:Wikidata_statement.svg



- Total about 37M items
- Millions of people (3M), many artists
- https://commons.wikimedia.org/wiki/File:Rembrandt_van_Rijn_-_Self-Portrait_-_Google_Art_Project.jpg



- About 2M items about taxons
- Flowers (*Echinacea purpurea*)
- https://commons.wikimedia.org/wiki/File:Echinacea_purpurea,_Jard%3CADn_Bot%3A1nico,_M%3BANich,_Alemania,_2013-09-08,_DD_01.jpg



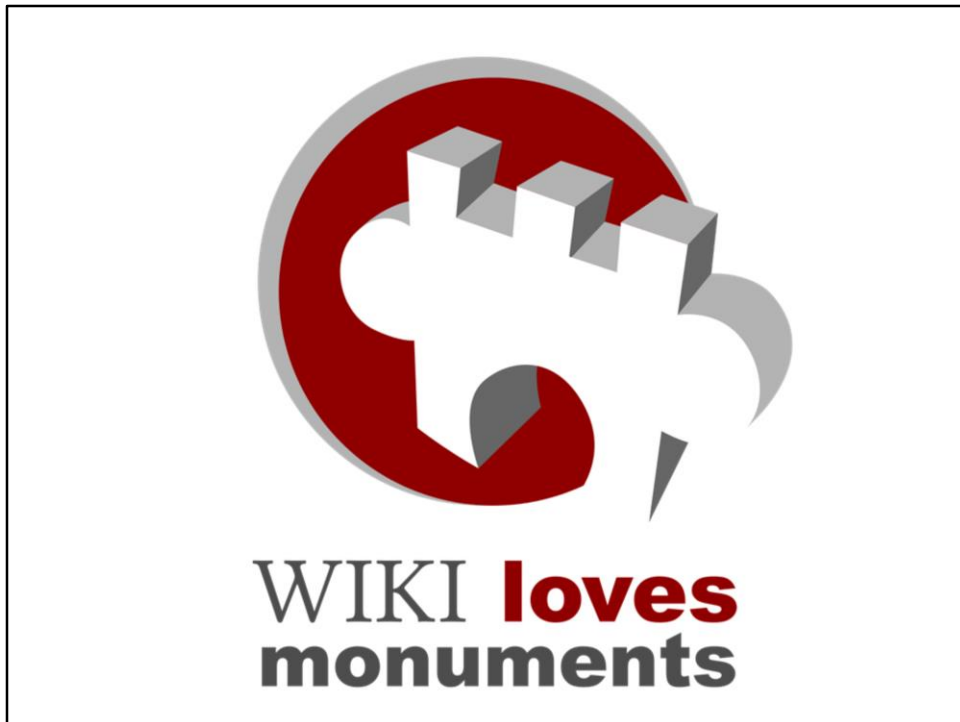
- About 2 M locations
- From the biggest cities (Hong Kong from Victoria peak)
- https://commons.wikimedia.org/wiki/File:Hong_Kong_Night_Skyline.jpg



- To the tinyist towns Bodie California (ghost town)
- Most of these things come from Wikipedia. Now also slowly working on items without articles
- Took the picture myself, might be somewhere on Commons too



- Historic buildings. More about that later
- Add number?
- https://commons.wikimedia.org/wiki/File:Sint-Hippolytuskerk,_Hervormde_kerk.jpg



- For Wiki Loves Monuments I build the monuments database
- It contains 1,3 million records
- Create an entry for every historic building and kill it!
- Netherlands done, working on other countries
- https://commons.wikimedia.org/wiki/File:LUSITANA_WLM_2011_d.svg



- 225.000 paintings (more about that later)
- https://commons.wikimedia.org/wiki/File:Jan_Asselijn_-_De_doorbraak_van_de_Sint_Anthonisdijk_in_Amsterdam.jpg



The Art & Architecture Thesaurus (AAT)®

Catherine wheel or rose window?
AAT is a structured vocabulary, including terms, descriptions, and other information for generic concepts related to art, architecture, conservation, archaeology, and other cultural heritage.



The Cultural Objects Name Authority (CONA)®

Mona Lisa or La Gioconda? CONA includes titles, attributions, depicted subjects, and other information about works of art and architecture as derived from scholarly literature, museum collections, special collections, archives, libraries, and indexing projects. CONA is linked to the AAT, TGN, and ULAN.



The Getty Thesaurus of Geographic Names (TGN)®

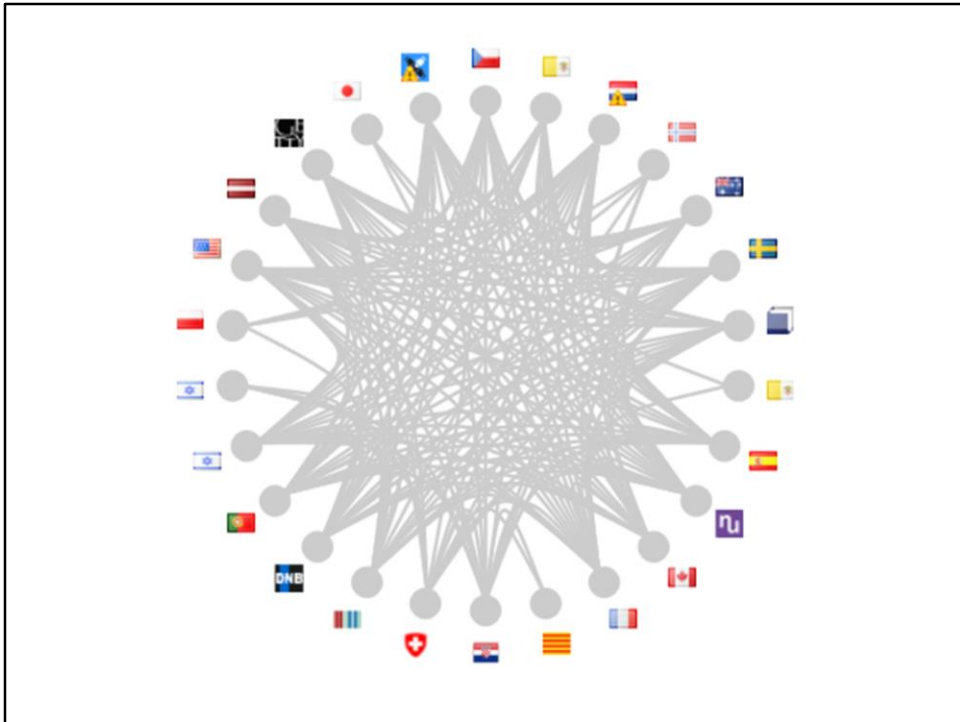
London or Londinium? TGN is a structured vocabulary, including names, descriptions, and other information for current and historical administrative places and physical features important to art and architecture.



The Union List of Artist Names (ULAN)®

Titian or Tiziano Vecellio? ULAN is a structured vocabulary, including names, biographies, related people, and other information about artists, architects, firms, studios, museums, patrons, sitters, and other people and groups involved in the creation and study of art and architecture.

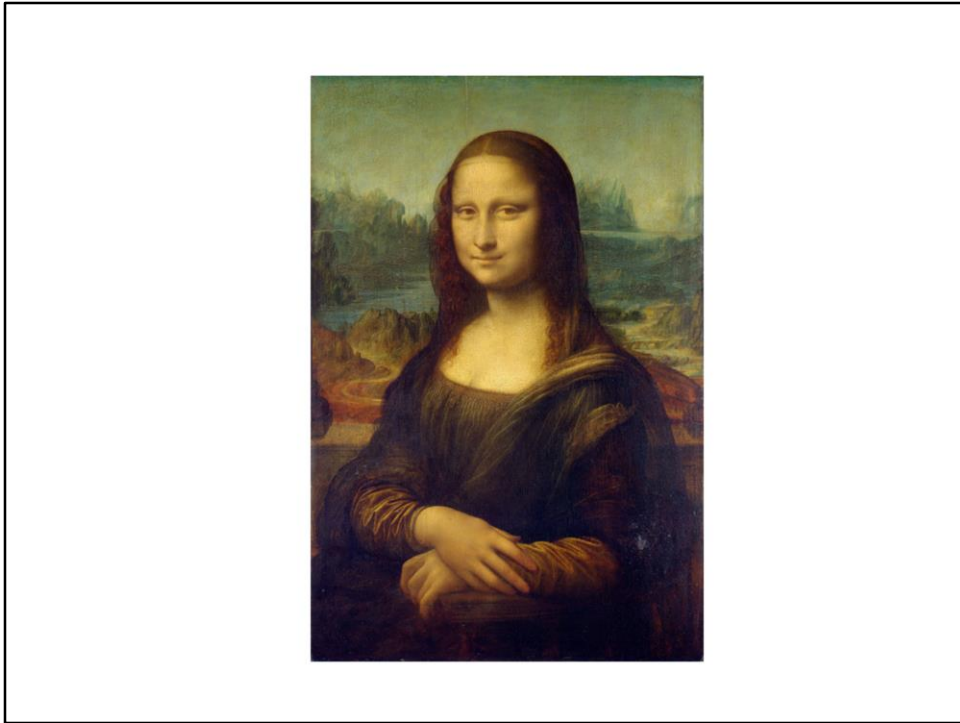
- Getty does authority control, we do to!
- We link to many. AAT is concepts, CONA is objects, TGN is locations, ULAN is people
- Screenshot of <http://www.getty.edu/research/tools/vocabularies/>



- Viaf! Already a history on Wikipedia
- Over 1 million links now
- GND over 0,5 M links now
- Viaf is switching from Wikipedia to Wikidata. YOU SHOULD DO THAT TOO!
- We also have the connected items (like NTA, 120.000) and we run bots
- https://viaf.org/viaf/64013650/#Rembrandt_Harmenszoon_van_Rijn,_1606-1669

RKD artists	Rijksbureau voor Kunsthistorische Documentatie artist biogra...	
RKD images	RKS images subset	
SAAM biographies	Smithonian American Art Museum	
SBI	Slovenska biografija	
Sandart	A net-based research platform on the history of art and cult...	
Sycomore National Assembly	Sycomore database, by the French	
TGN	Thesaurus of Geographic NamesGetty Thesaurus of Geographic N...	
ULAN	Union List of Artist Names	
UNII	Unique Ingredient Identifier	
WGA	Web Gallery of Art: Image collection and database of Europea...	
Women in science	Collected all over the web; watch for duplicates, wrong entr...	
YourPaintings	BBC Your Paintings	

- Mix'n'Match is used to make initial matches
- Bot also do imports.
- Still a lot of work to do
- <https://tools.wmflabs.org/mix-n-match/>



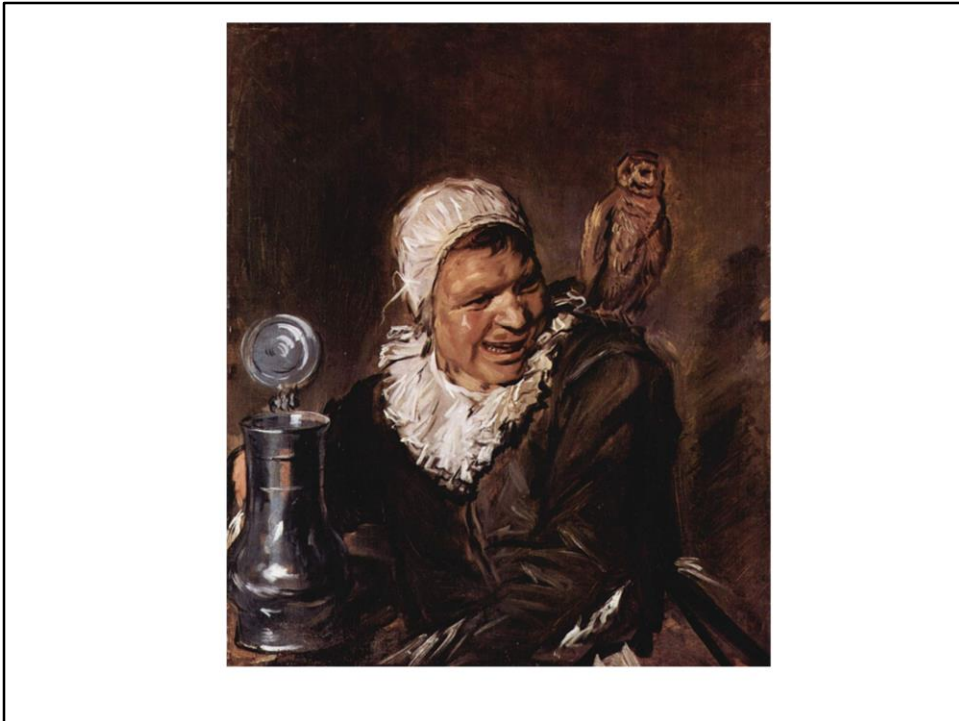
- Sum of all paintings
- We of course have Mona Lisa! Is has an article in 97 languages
- The **WikiProject sum of all paintings** is a WikiProject to get an item for every painting in the collection of a museum
- https://commons.wikimedia.org/wiki/File:Mona_Lisa,_by_Leonardo_da_Vinci,_from_C2RMF_retouched.jpg



- Paintings that don't have a Wikipedia article (yet)
- Per collection import
- Much easier to create an item than to create an article
- Bots do import. All depends on data quality
- https://commons.wikimedia.org/wiki/File:Hendrik_Willem_Mesdag_-_Vissersschepen_in_de_branding.jpg



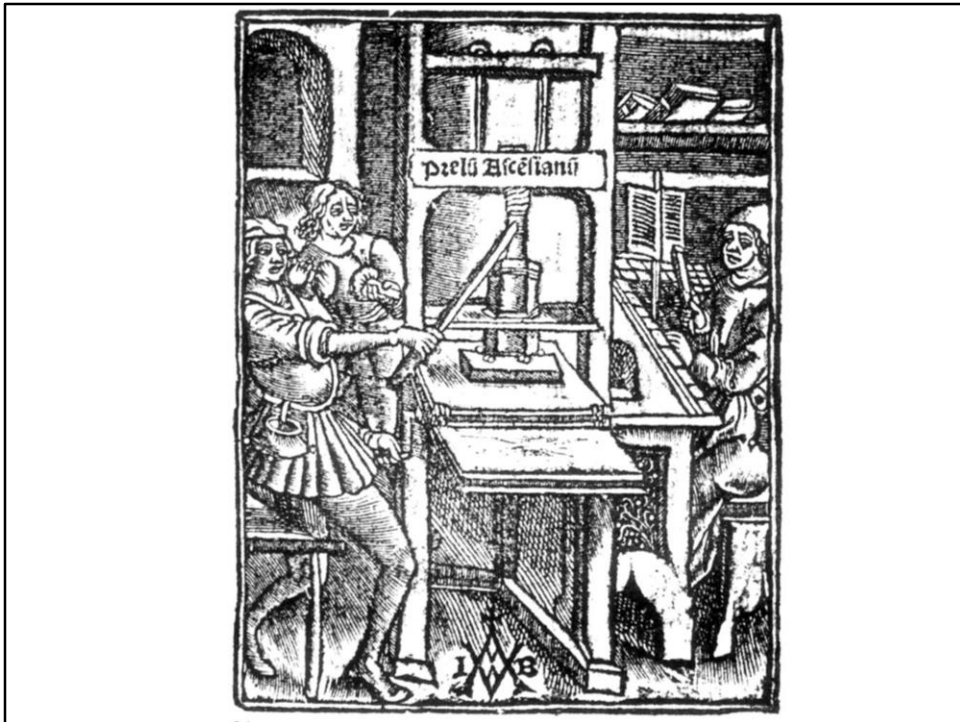
- Bring together different collections
- For example this painter (Ludolf Bakhuizen) has works in Mauritshuis and Rijksmuseum
- https://commons.wikimedia.org/wiki/File:The_dock_of_the_Dutch_East_India_Company_at_Amsterdam.jpg



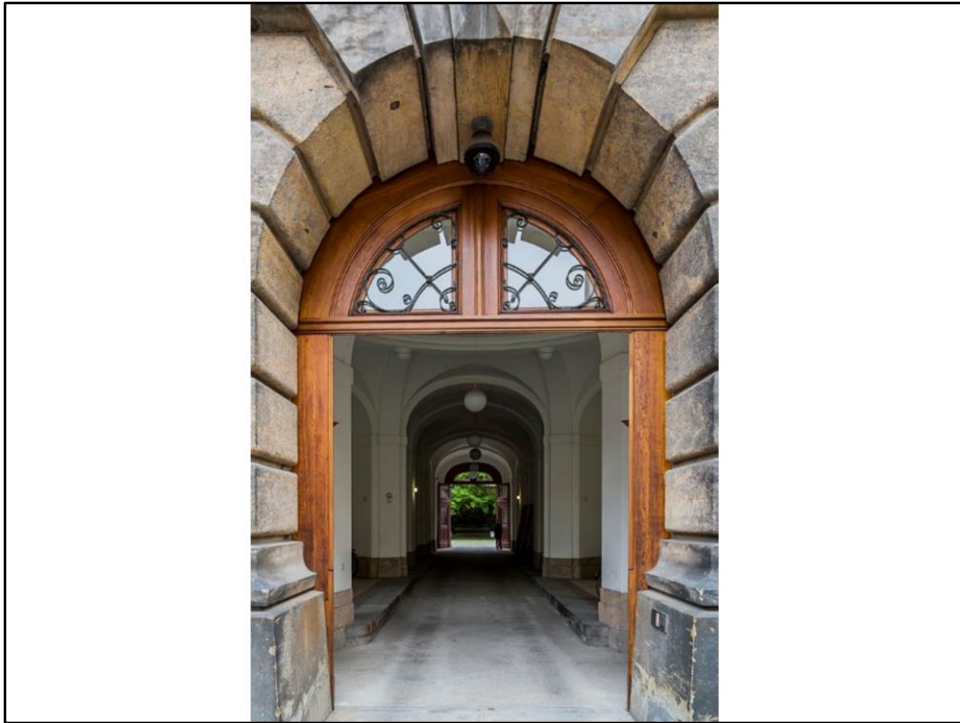
- To create a **catalogue raisonné** for every painter
- A **catalogue raisonné** is a comprehensive, annotated listing of all the known artworks by an artist either in a particular medium or all media. The works are described in such a way that they may be reliably identified by third parties.
- Malle Babbe by Frans Hals (not only a beer Liam)
- Painters in authority control
- https://commons.wikimedia.org/wiki/File:Frans_Hals_021.jpg



- Notability for example is very much in movement
- Is it useful data to add or is it just dumping trash?
- For the Wikipedians: Inclusionists vs deletionists
- Data has to be used and maintainable, we don't want to become a data landfill
- https://commons.wikimedia.org/wiki/File:LOCAL_RESIDENTS_DUMP_TRASH_IN_CLYDE_KEPLEY%27S_SANITARY_LAND_FILL_-_NARA_-_542549.jpg



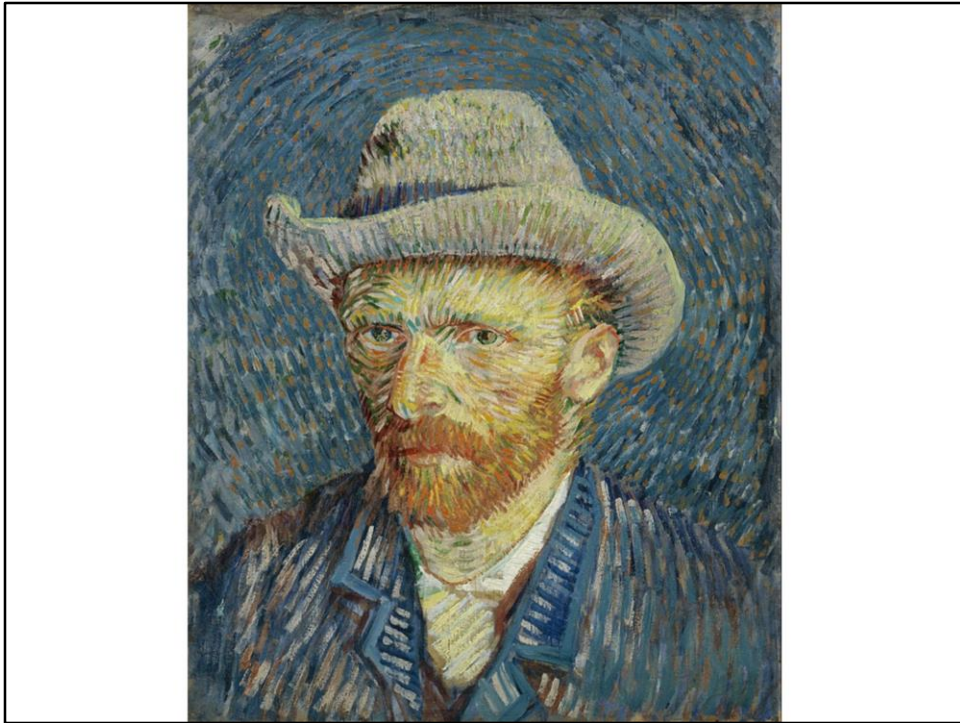
- Publish your data online
- Own website or platform like Europeana
- [https://commons.wikimedia.org/wiki/File:Jodocus_Badius_Ascensus_Druckermarke_Paris_1519_\(Isny\).jpg](https://commons.wikimedia.org/wiki/File:Jodocus_Badius_Ascensus_Druckermarke_Paris_1519_(Isny).jpg)



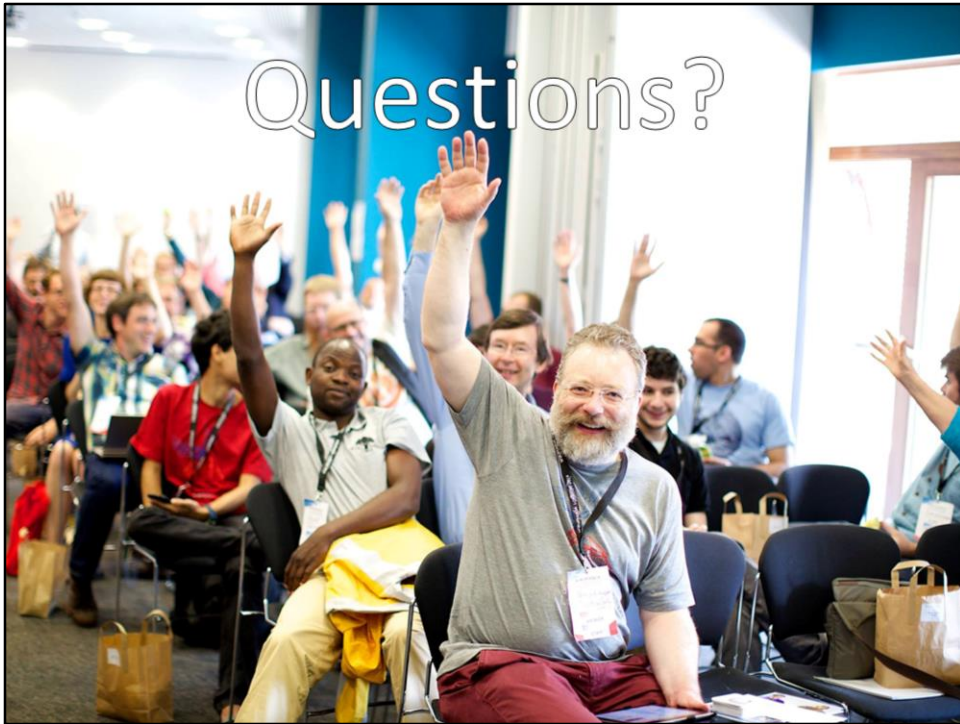
- Open it under a free license to encourage re-use
- Have an open access policy
- https://commons.wikimedia.org/wiki/File:Dresden_Germany_Kunstakademie-01.jpg



- ST Jerome in the Desert
- Wiki people like to work in peace and quiet from their homes
- They need to be able to find the data online. If the data isn't online, it looks like it doesn't exist
- https://commons.wikimedia.org/wiki/File:Giovanni_Girolamo_Savoldo_-_Saint_Jerome_-_Google_Art_Project.jpg



- Link to Wikidata or use the data
- Links to 84 external identifiers
- Wikipedia article in 183 languages
- We have all paintings (about 879)
- We have 818 articles about paintings by van Gogh
- Some organizations like the Museum of Modern Art in New York already link to Wikidata (and include Wikipedia)
- We have a query engine!
- https://commons.wikimedia.org/wiki/File:Vincent_van_Gogh_-_Self-portrait_with_grey_felt_hat_-_Google_Art_Project.jpg



- Any questions?
- Photo van Sebastiaan