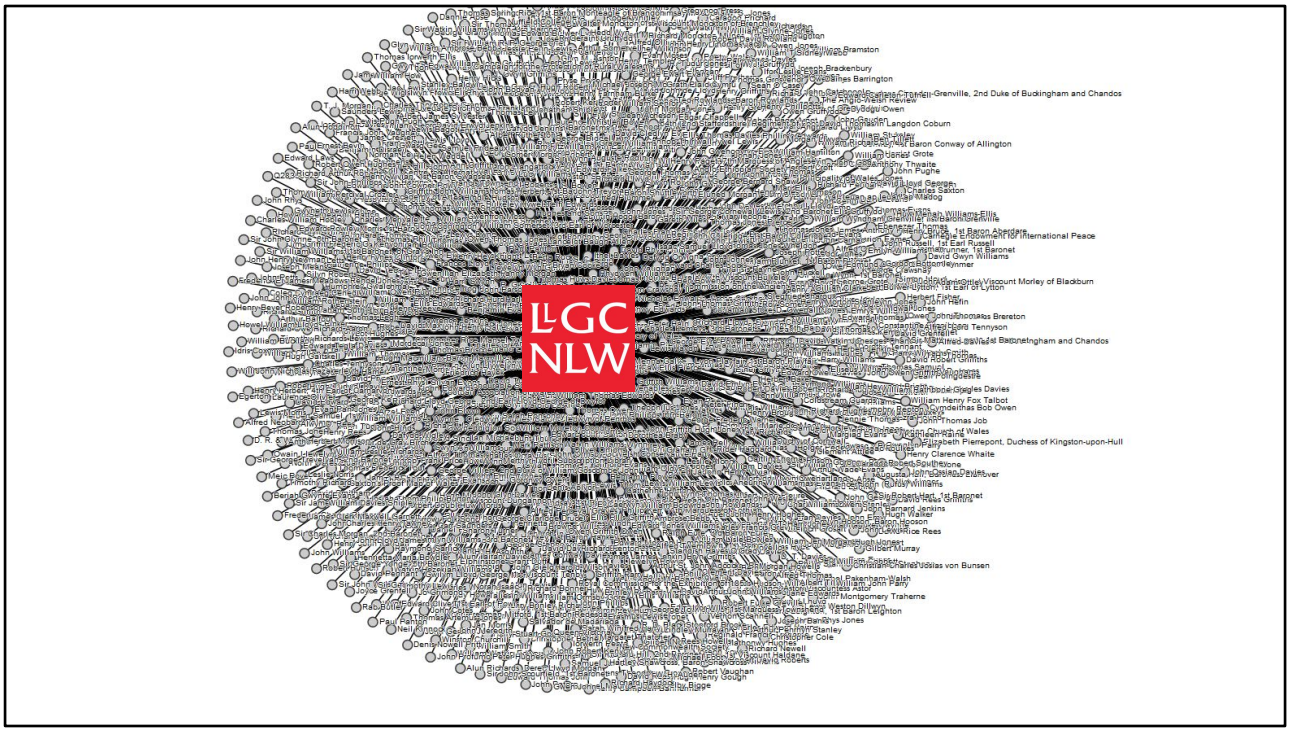
Wikidata at The National Library of Wales
@Wiki_NLW
WIKIMEDIA
LLGC NLW

Started abt 5 yrs ago when wikidata was very new

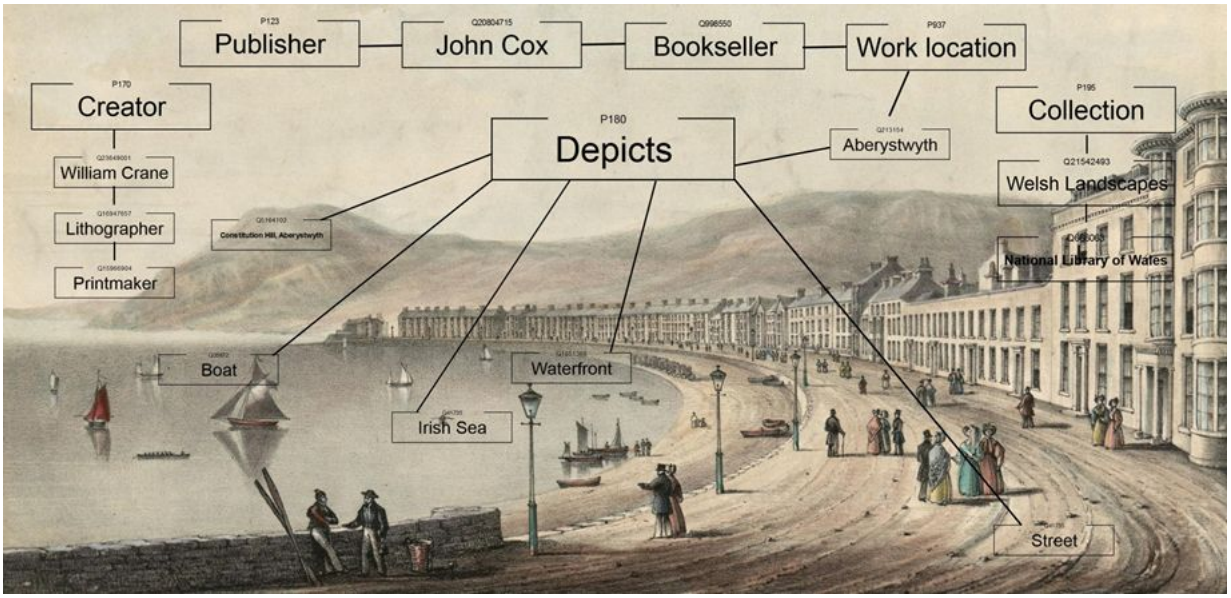
Initially the aim was to use it as a platform to give open access to data - especially data for digital images we were sharing to Commons



We now have lots items on Wikidata about our collections or in some way connected to our collections

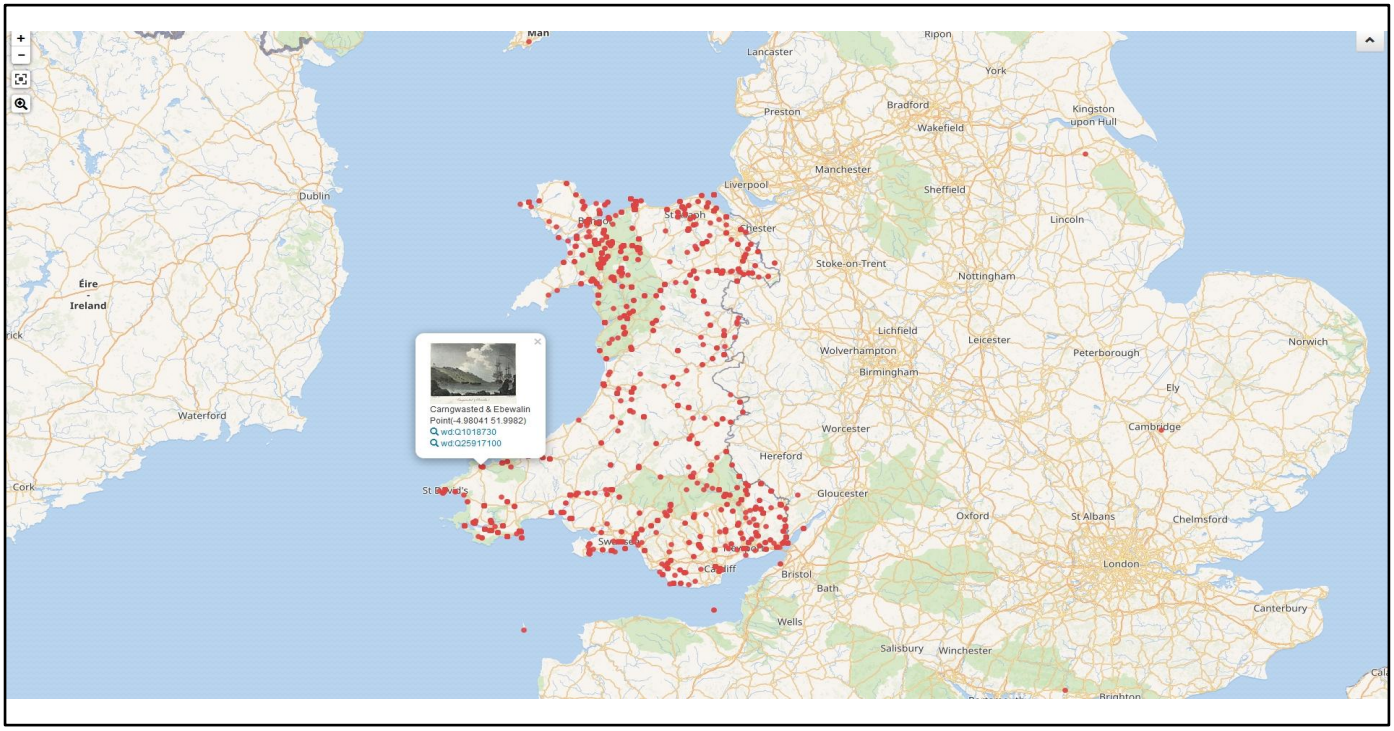
Including 15k artworks, 30k books, entries for 5k people in DWB and other smaller datasets

And as the volume of data has increased so to have the connections between our collections, and the collecitons of other institutions

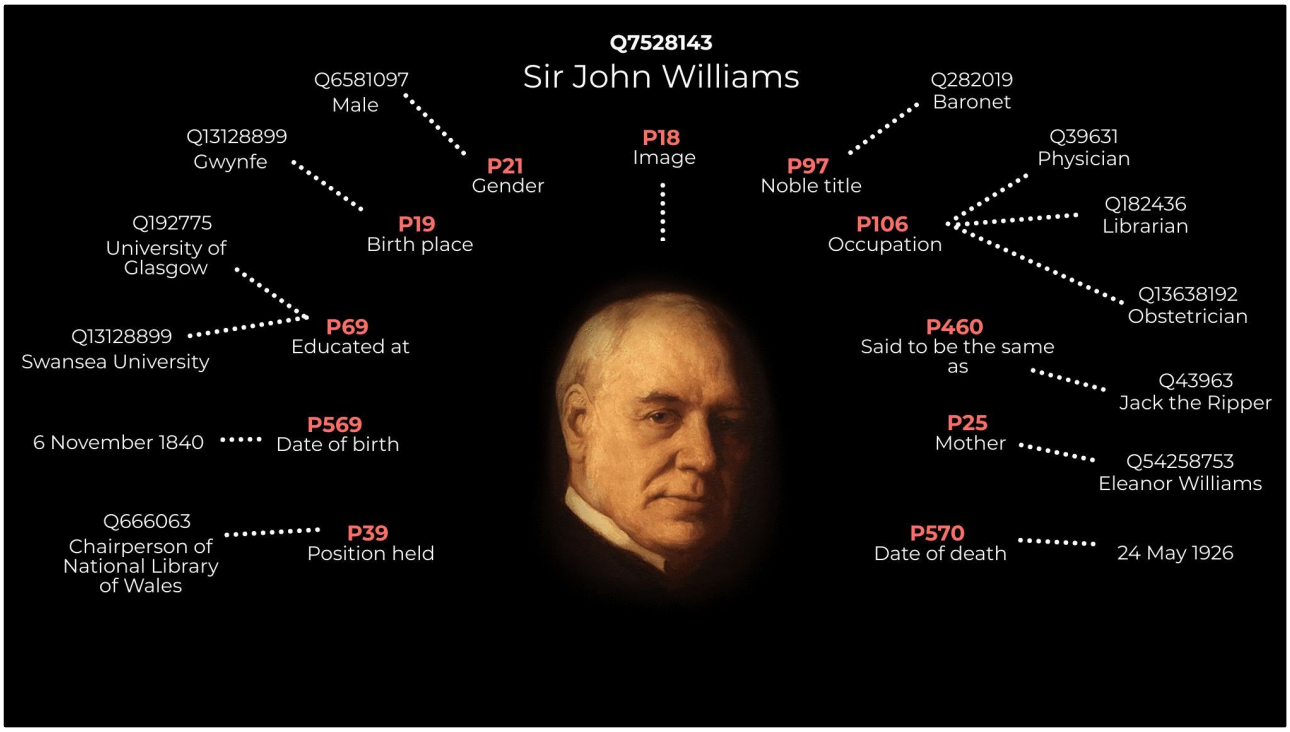


We focused on quality over quantity - extracting as much information as possible from our metadata.

Welsh landscapes



Coordinates. Mapping place name tags to wikidata entities



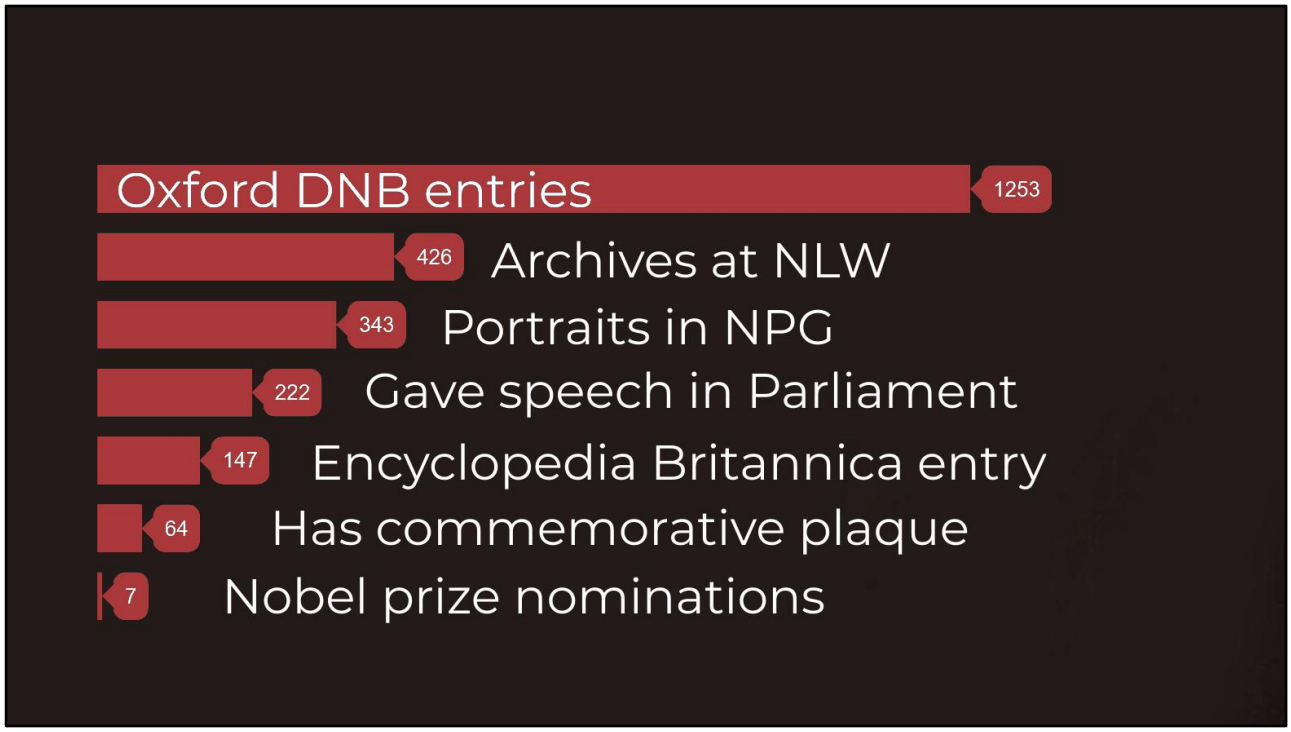
Dictionary of Welsh Biography

So this is now the kind of data we have for everyone in the DWB

The structured nature of linked data means we can also begin connecting different collections and data sets from the library.

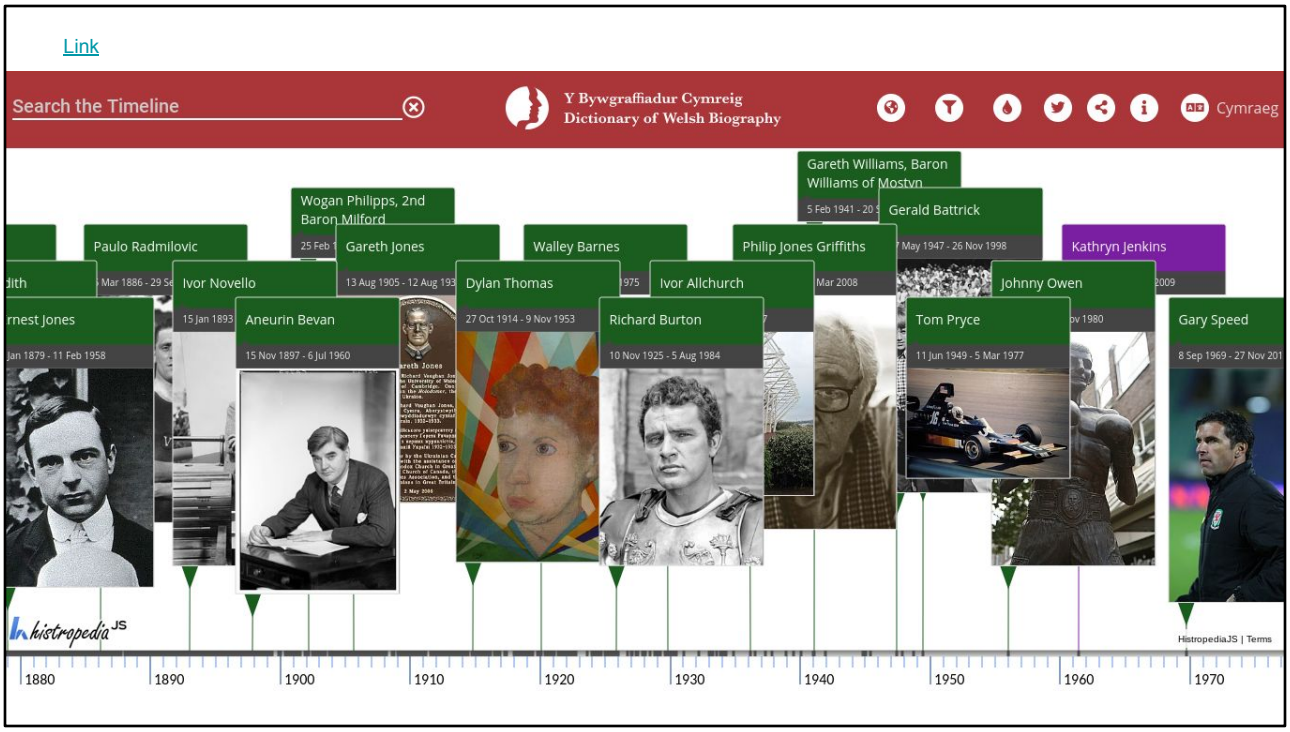
Breaking down scilo's

explain



External collections too…..

Link



Adding links to external resources on DWB website - using Wikidata, and also developed a timeline for searching and filtering content and this uses wikidata, images from commons and wikipedia text.

Challenges

P170	P31	P276	P195	P186	**P136**	P180	P180	P180	P180	P186	P186	P186	P195	P571
Q318584	Q18761202	Q666063	Q78231766	Q11472	Q191163	Q472667	Q1075310	Q283202		Q165447	Q127418	Q22915256	Q666063	1797-00-00T00:00:00Z/9
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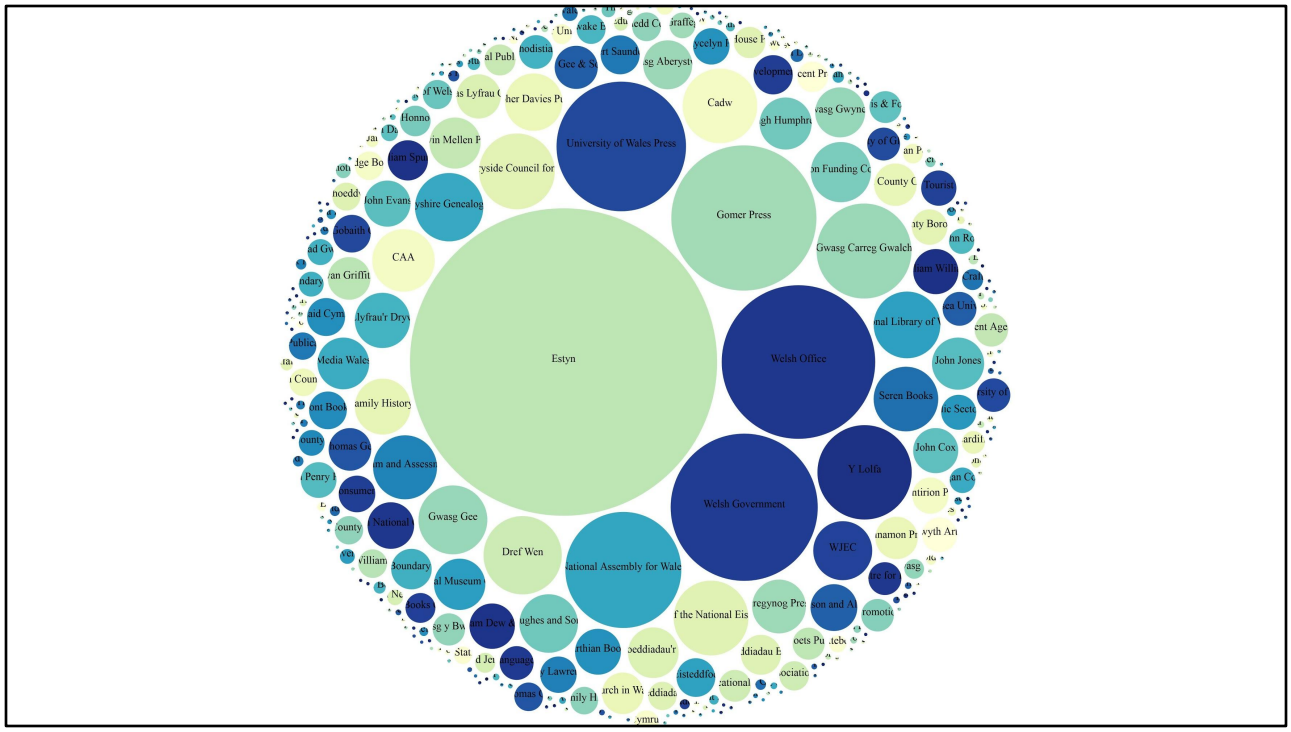
The main challenge - technical aspect of mapping data to wikidata

Documentation is getting much better but it can still be difficult to understand how to process and upload large datasets. I mainly work with spread sheats but other use open refine a lot or if you speak languages like pythons there are there ways to do things.

It can also be a challange to to ensure you are describing things correctly. Wikidata has great guidance on which properties to use to describe art works for example - but guidance for some other types of content like manuscripts was less developed

You may need to make requests for new properties to be created for example.



The richer the data you add the more it will be enriched - and the better the connections you can make with other content

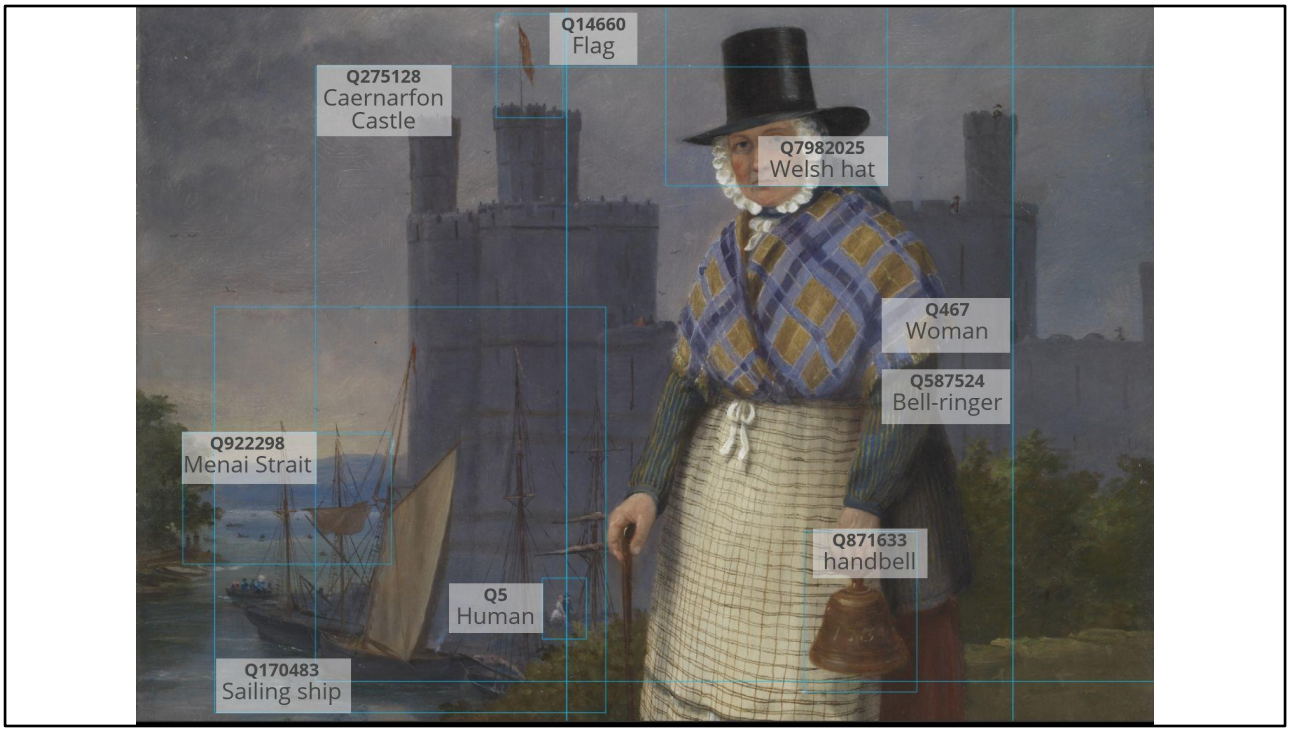
So often for an upload this means not only mapping data to wikidata, often manually, but also creating new items for things which are not yet in Wikidata. Wev'e created 1000's of items for artists, schools, government departments ect

For our welsh literature project we created items for almost all the publishers you see here in order to create decent data for books. We also managed to match or create items for a lot of authors with data from OCLC and others but this can be time consuming and cant always be automated

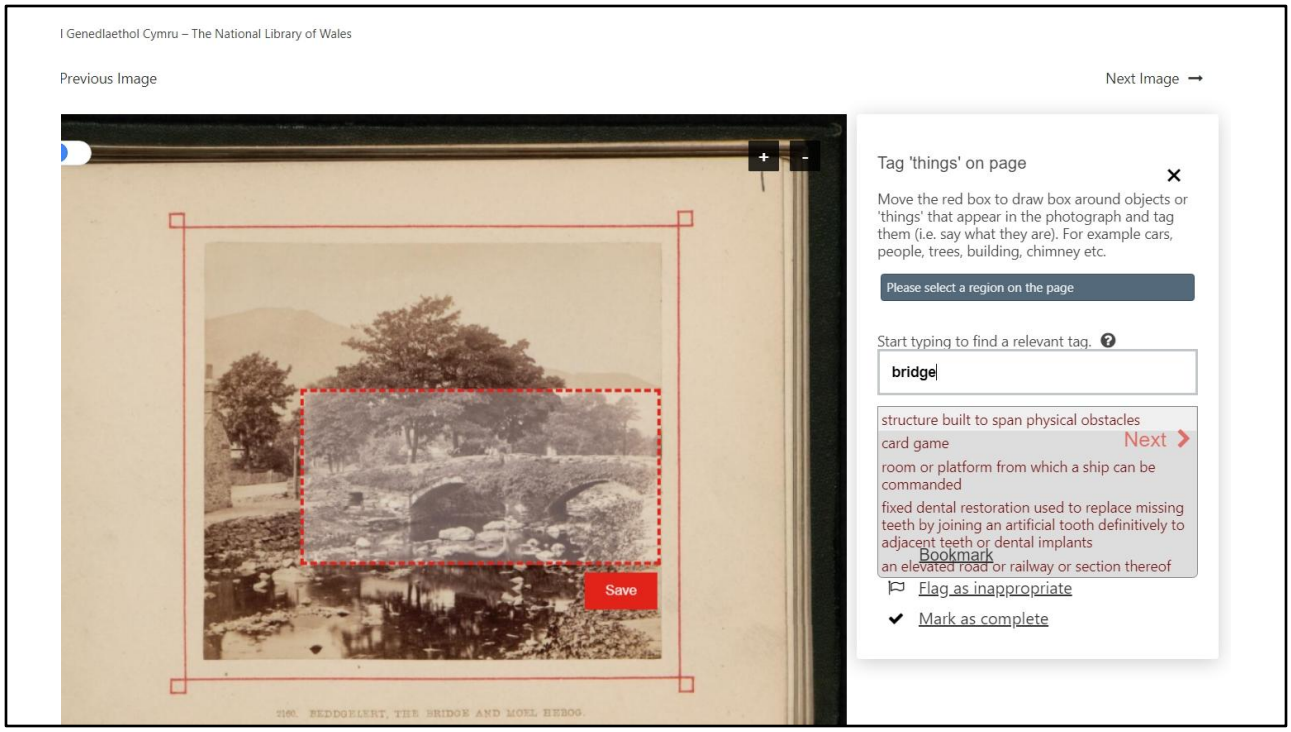
Opportunities

With more time or money the possibilities for Wikidata are immense

A number if ideas and early concepts we would like to take forward

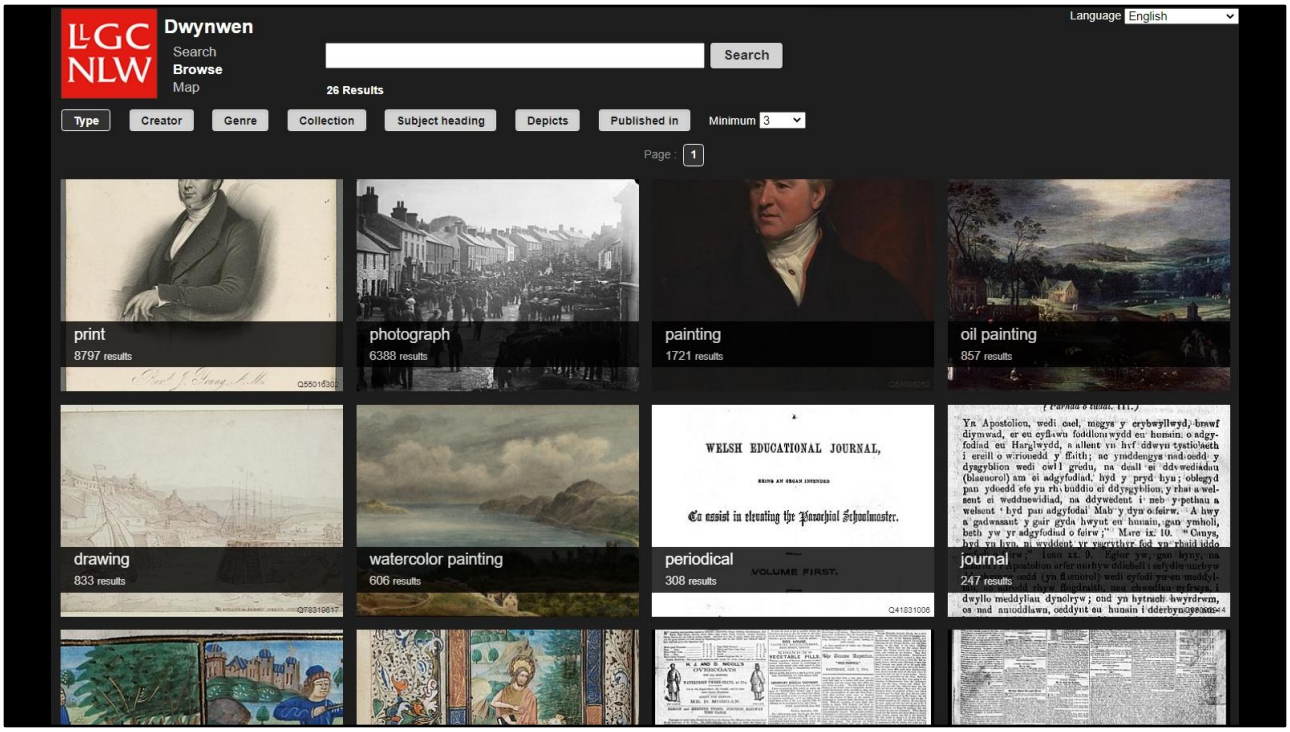


Volunteer task to tag wikidata entities depicted in our collections using IIIF annotations and storing on Wikidata



Developing further and encourperating this into our own crowdsourcing platform.

With more time this could be developed further, we could explore the use of AI to identify and tag wikidata entities in images and text - giving us access to the wealth of data and connections those entitities contain.



This is our linked data image browser which is based on an existing website called crotos which has been adapted to search all visual content from the NLW on Commons and Wikidata.

We want to develop this idea to offer our users new and improved ways of searching, discovering and just exploring our digital assets, and ultimately we want to have our own tripple store, or linked data which can interact with wikidata so that we can offer users services which are powered both by our authoritative metadata but also the wealth of extra data that can be added through Wikidata.

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