MY-D Foundation
E-mail: application@my-d.org
Project Proposal "Sum of All GLAMs - Building a Wikidata project to solve the hen-and-egg problem for GLAM institutions"

Structured infobox templates :
The data that fills infoboxes will be about the heritage institutions or about types of files present in their collections. The one about museums already exist, so it will be developed the ones about Libraries, Galleries, Archives and Cultural Centers.[1] The idea is to model those infoboxes considering all the possible information about cultural institutions, such as: name, type of institution, address, date of opening, area, logo, visitors per year, director/president/owner, curator, website, coordinate location (with map), city, country. The infoboxes will also be about the kinds of items those heritage institutions deal with. For example, historical objects, books, maps, documents, movies, collections and its authors, artists or creators (by field).[2] Its metadata would be informations such as: title, image, author/artist, year, genre, technique, dimensions, location.
With the creation of the infoboxes, the model of metadata about institutions will be established. After a Wikidata query of all heritage institutions, will be possible to verify the information completeness of all institutions and insert the missing data. With the creation of the infoboxes, they will be inserted into the Wikipedia articles and Commons pages.

MBabel template :
This template facilitates the creation of new Wikipedia articles about heritage institutions by providing the initial article structure, pre-filled with information drawn from Wikidata. It will be adapted to various fields: Libraries, Galleries, Archives and Cultural Centers. Also for types of items maintained in those institutions: historical objects, books, maps, documents, films and collections. This application will also be developed in English. It will be necessary to: know and maintain the quality of metadata, to model items on Wikidata and produce narrative development and structuring (that is, a text), appropriated for each type of institution or subject dealt with in the article. Infoboxes and listeria templates will also be used. There will be tests, documentation and controlled use.

Listeria :
The idea here is to generate item automatic lists for the lusophone institutions from Wikidata . This approach has the same advantages as shared data management in the infoboxes. In the case of listeria, it will be necessary to develop adequate templates for the extraction of data, from Wikidata, to the lists in the appropriate format. For this to be effective it's important to rely on the modeling and on the introduction of structured information. The lists will be about the same institutions and types of items mentioned above and might involve (or be sort by) location, authors, creators, date, etc.

Structured TGLAM:
On Portuguese Wikipedia, a template (TGLAM) offers automatic pages for GLAMs.
The idea for **Structured TGLAM** is to developed an application that generates **structured** GLAM portals for heritage institutions using their Wikidata data (about the institution itself and its collections), in the same sense of MBabel for Wikipedia articles. Each page will unite all the data available on wiki platforms about the institution. This will be done for each kind of institution. When possible, will be added queries with Wikidata metadata, articles and images. Examples of queries: example 1 , example 2 , example 3 , example 4 .

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[1] More types of institutions might be added to the list, if needed, for all applications.
[2] More types of items might be added, if needed, for all applications.