SYMOGIH.ORG

Towards an International Consortium

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symogih.org ontology — Informations and contents types

Data modeling

Collaboratively managed database — PostgreSQL

User interface

D2RQ — Export

Query — XQuery /SQL

DBpedia · data.bnf.fr — Semantic web

SPARQL endpoint

Authority records

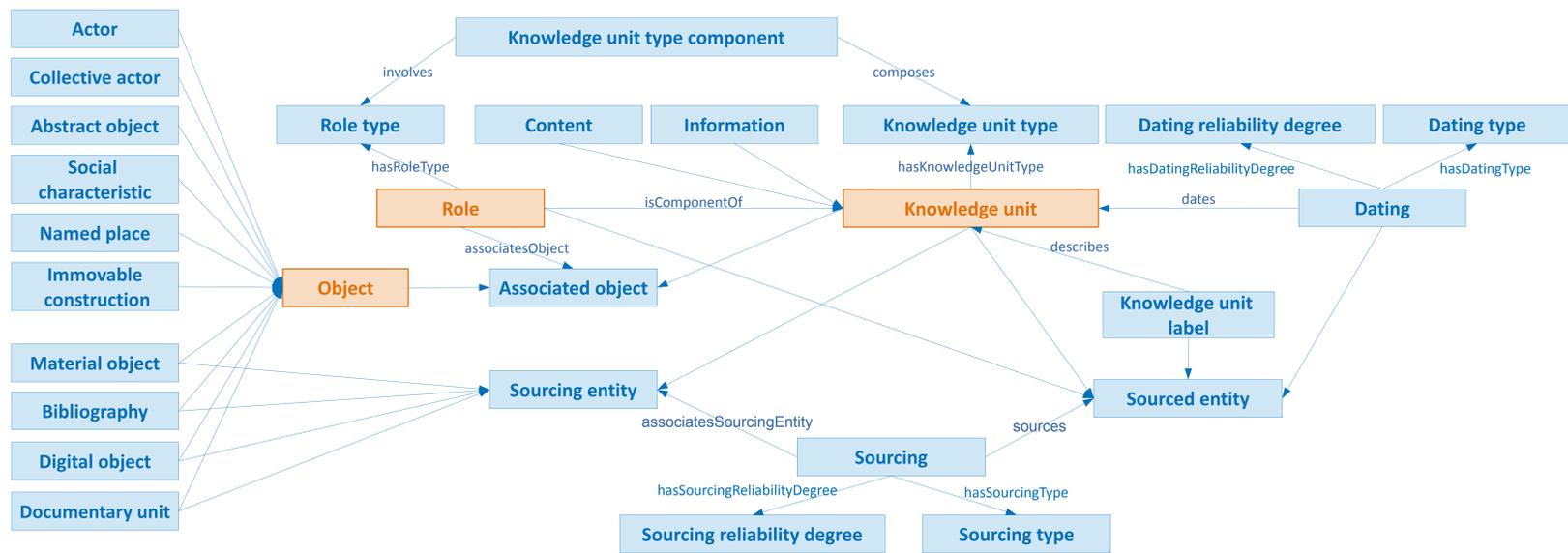Publishing websites

User interface

A platform for digital history

The symogih.org project has created an open modular platform for storing geo-historical information. The web-based platform allows researchers to share their knowledge in a collaborative and interlinked environment and to produce structured data concerning all fields of history.

RDF Triplestore — Virtuoso

VIAF
ISNI
IdRef
BNF
GND
...

DEUTSCHE NATIONAL BIBLIOTHEK · LIBRARY OF CONGRESS · (BnF) Bibliothèque nationale de France

Collaborative storage of XML-TEI texts — eXist-db

In parallel, the symogih.org project has deployed an environment developed using eXist-db technologies for analysing, sharing and publishing XML/TEI encoded texts. The semantic annotation of named entities and knowledge units is achieved by interlinking the semantic tags defined according to the guidelines of the Text Encoding Initiative (TEI) with the resources created in the relational database.
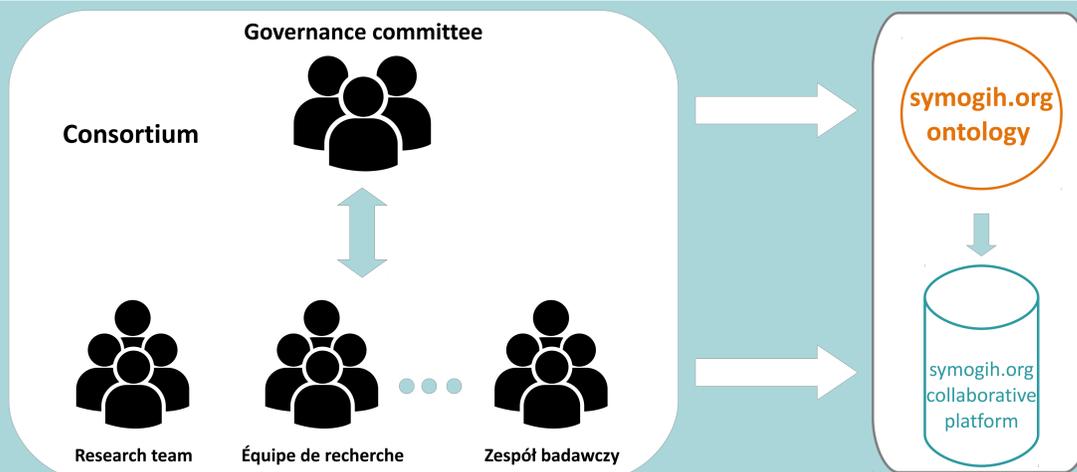
Ontology

The symogih.org ontology has been developped since 2012 to gradually interconnect the project's data with the semantic web. It has an top-level ontological structure comparable to those of DOLCE and CIDOC-CRM.

It is organised around three main classes : objects, knowledge units and roles. To enable interoperability with other linked data resources, alignment with CIDOC-CRM and FRBR is in progress.

International consortium

The platform management entails the creation of an international organised community of users in the form of a consortium.

International community of users

Governance committee

Consortium

Research team · Équipe de recherche · Zespół badawczy

symogih.org ontology

symogih.org collaborative platform

This community will be built around a governance committee, responsible for ensuring a collaborative approach at all levels from managing the ontology's definition to data capture.

The consortium would be composed by research teams running local scientific projects and training users in data modelling and capture, working closely with the governance committee.

By offering access to a collaboratively managed ontology and platform, designed for supporting a wide community of users, the *symogih.org* project will contribute to the evolution of practices in the domain of data curation in historical research.
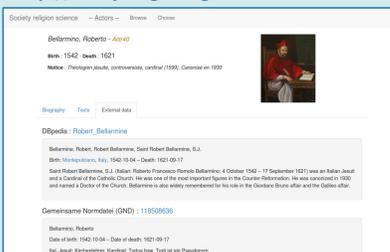
Data input and curation by the users

Publishing of references :
http://symogih.org

Data interlinking :
Society Religion Science (SRS)
http://srs.symogih.org

Digital texts editing :
Mémoires de L. Michon
http://journal-michon.symogih.org

Some examples of symogih.org websites