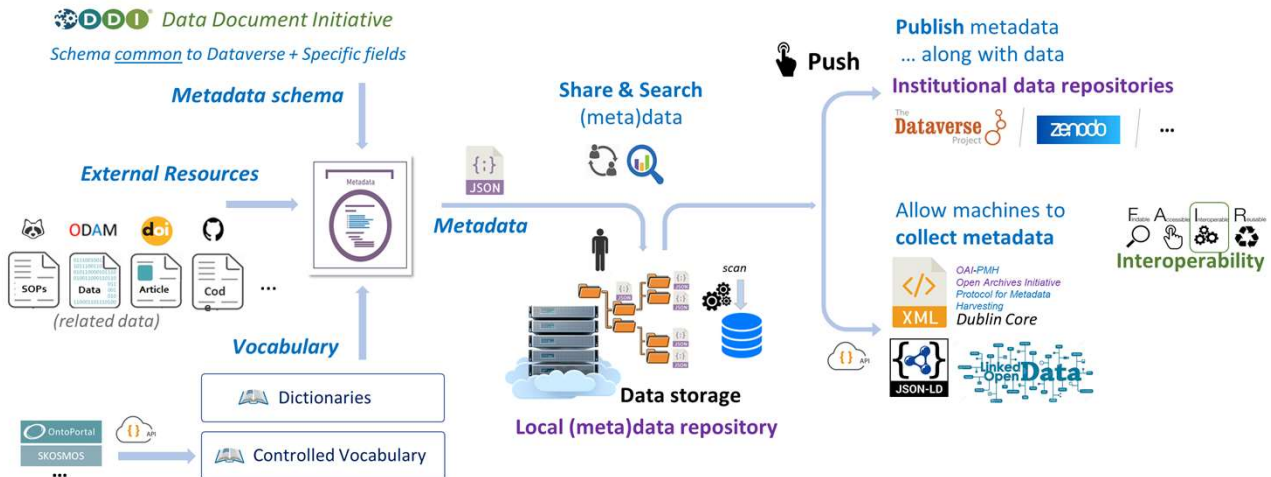


An ecosystem for sharing metadata

The **Maggot** tool allows users to describe the **Metadata** of their datasets produced within a collective (research unit, platform, multi-partner project, etc.), thus making it possible

- to answer certain questions of the **Data Management Plan (DMP)** concerning the **organization, documentation, storage and sharing of data** in the data storage space,
- to meet certain data and metadata requirements, referred to by the **Open Research Europe (ORE)** in accordance with the **FAIR** principles.



Metadata thus produced can be **associated with corresponding data directly in the storage space** which is then scanned and then referenced in a database. We can thus **perform a search on the metadata** in order to find one or more sets of data. **Only metadata is accessible by default.**



Configuration

Standards & Terminologies

Configuration (TSV files)

Use

Assistance in entering and managing metadata

Exportation

Automation filling in repository
Avoids re-entering metadata

Built the web interface according to the specifications given upstream

Dictionary of people

Search a value:

Authors:

Search a value:

Data collectors:

Data curators:

List of well-chosen and limited CVs according to a reference (e.g. Data Document Initiative)

Kind of Data (*)

Audiovisual Collection Dataset Event Image Interactive Resource Model Other Physical Object Service Software Sound Text Workflow

Keywords

Search a value:

List of ontologies to choose according to your domain

Topic Classification

Search a value:

Experimental Organism Benign Thecoma (sc21)

Experimental Organism Benign Endometrial Adenoma (sc21)

Experimental Organism Luteinized Unruptured Follicle (sc21)

experimental animal engineer (sc50)

Experimental equipments in biological science (sc50)

experimental pathology (sc50)

Use of dictionaries to target the CV by mixing thesaurus and ontologies

NAME (*)	ONTOLOGY	URL	Access
NMR spectroscopy assay	OBI	http://purl.obolibrary.org/obo/OBI_0005623	TSV
agricultural science	EDAM	http://edamontology.org/tpic_3810	TSV
amino acid	IOBC	http://purl.jp/bio/4id/200906089697456524	TSV
analyte assay	MS	http://purl.obolibrary.org/obo/OBI_0003443	TSV
biochemical analysis	IOBC	http://purl.jp/bio/4id/200906072808564316	TSV
biochemical characterization	IOBC	http://purl.jp/bio/4id/201306093822876862	TSV
biochemical composition	IOBC	http://purl.jp/bio/4id/201306016579695836	TSV

Thesaurus SKOSMOS

(VOINRAE, LOTERRE, ONTOSTACK, ...)

The use of **dictionaries** has no other purpose to **facilitate the entry of metadata**, entry which can be long and repetitive in generalist data warehouses (such as repository based on Dataverse).

Dictionaries allow you to record **multiple information** necessary to **define an entity**, such as the names of people or even the funders.

its information, once entered and saved in a file called a dictionary, can be **subsequently associated with the corresponding entity**.

