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## **Maggot : Designed to foster good data management, with “ data sharing ” in mind.**

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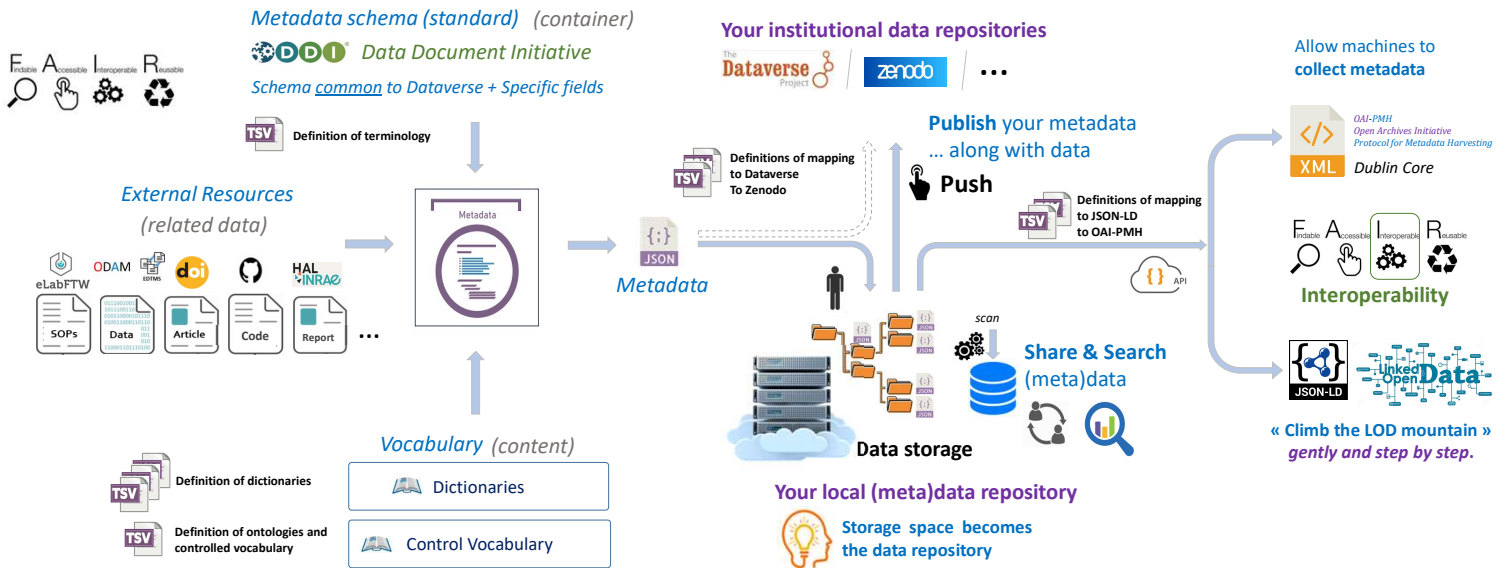


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## An ecosystem for sharing metadata

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 **carry out 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

Build the web interface according to the specifications given upstream

Dictionary of people

Contacts

Search a value:

Authors

Search a value:

Data collectors

Search a value:

Data curators

Search a value:

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:

Experimental Organism:

Experimental Organism:

experimental:

experimental:

experimental:

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

NAME (*)	ONTOLOGY	URL	Access
NMR spectroscopy assay	OB	http://purl.obolibrary.org/obo/0005623	Full OK
agricultural science	EDAM	http://edamontology.org/tpic_3810	Full OK
amino acid	IOBC	http://purl.jp/bio/4/nd/200906089697456524	Full OK
analyte assay	MS	http://purl.obolibrary.org/obo/0003443	Full OK
biochemical analysis	IOBC	http://purl.jp/bio/4/nd/200906072808564316	Full OK
biochemical characterization	IOBC	http://purl.jp/bio/4/nd/201306093822876862	Full OK
biochemical composition	IOBC	http://purl.jp/bio/4/nd/201306016579695836	Full OK

Thesaurus SKOSMOS

(VOINRAE, LOTERRE, ONTOSTACK, ...)

VOINRAE VOCABULAIRES OUVERTS

Construire un vocabulaire

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**.

