DOME 4.0 marketplace ecosystem: Explore tab

Keywords/actions: search, browse

For whom: User who wants to run a search or browse the assets that are currently available (that is, registered or uploaded) on DOME 4.0 or *via* DOME 4.0

In brief: The explore tab lists buttons to either 1) <u>run a search </u>("Search" and "Advanced search" buttons) or 2) <u>browse</u> the currently available assets ("Data sources", "Tools and services", "Ontologies" buttons). "Available on DOME 4.0" here means registered (e.g., for the case of API connectors to external data sources) or uploaded (e.g., for the case of an ontology). See also the documentation for the Register tab.

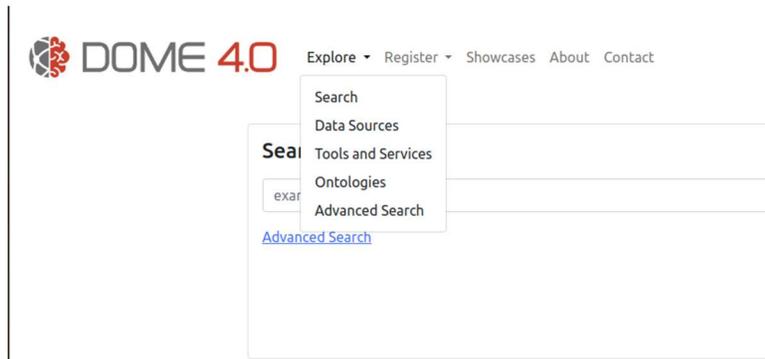Figure: Snapshot of DOME 4.0 main page, after login, hoovering on the "Explore" tab

More details:

- The standard Search is a text-based search and acts on all the fields of the Data Sources and Catalog Data (See also Register tab, Search)
- The Advanced Search is an RDF-based search and acts over the uploaded ontologies/knowledge graphs: it functions like a simplified SPARQL query, that is, it looks in the stored graph for given patterns of type "subject-predicate-object", where one or more of the parts (e.g., the subject) are specified by the user (See also Register tab, Advanced Search).

Acronyms:

API: Application Programming Interface

RDF: Resource Description Framework

SPARQL: SPARQL Protocol and RDF Query Language