



AgroLD: A Knowledge Graph Database for plant functional genomics

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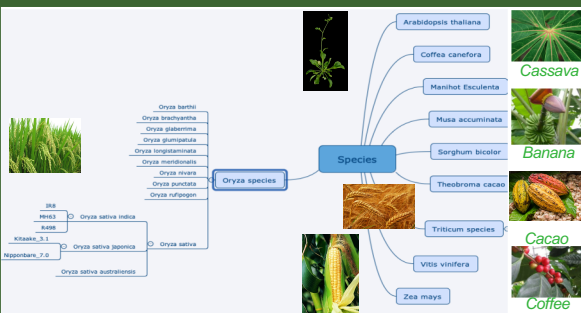
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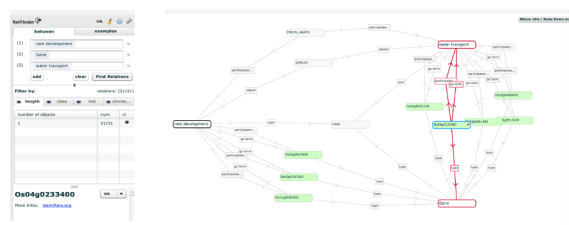
AgroLD (www.agrold.org)



Agronomic Linked Data (AgroLD)

[illegible]

Quick search is based on keyword search and aids in understanding the underlying knowledge.

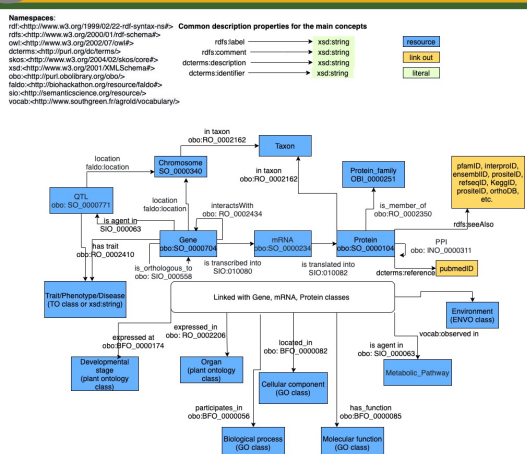


The **Explore Relationships** tool aids in exploring relationships between existing entities.

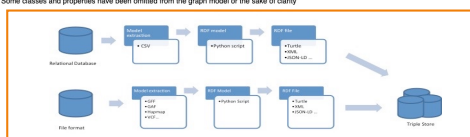
[illegible]

The *SPARQL Query Editor* provides an interactive environment to formulate SPARQL queries.

Networks and



Note: Some classes and properties have been omitted from the graph model for the sake of clarity.



RDF Transformation workflows



The **Advanced Search** query form is based on the REST API suite, developed under the AgroLD project. The aim of this effort is to provide non-technical users with a tool to query the knowledge base.

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- 4 - Hamelin, C. et al., 2013. TropGenDB, the multi-tropical crop information system updated and extended. *Nuc. Ac. Res.* 41(D1).
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