



iKNOW: A Platform for Knowledge Graph Construction for Biodiversity

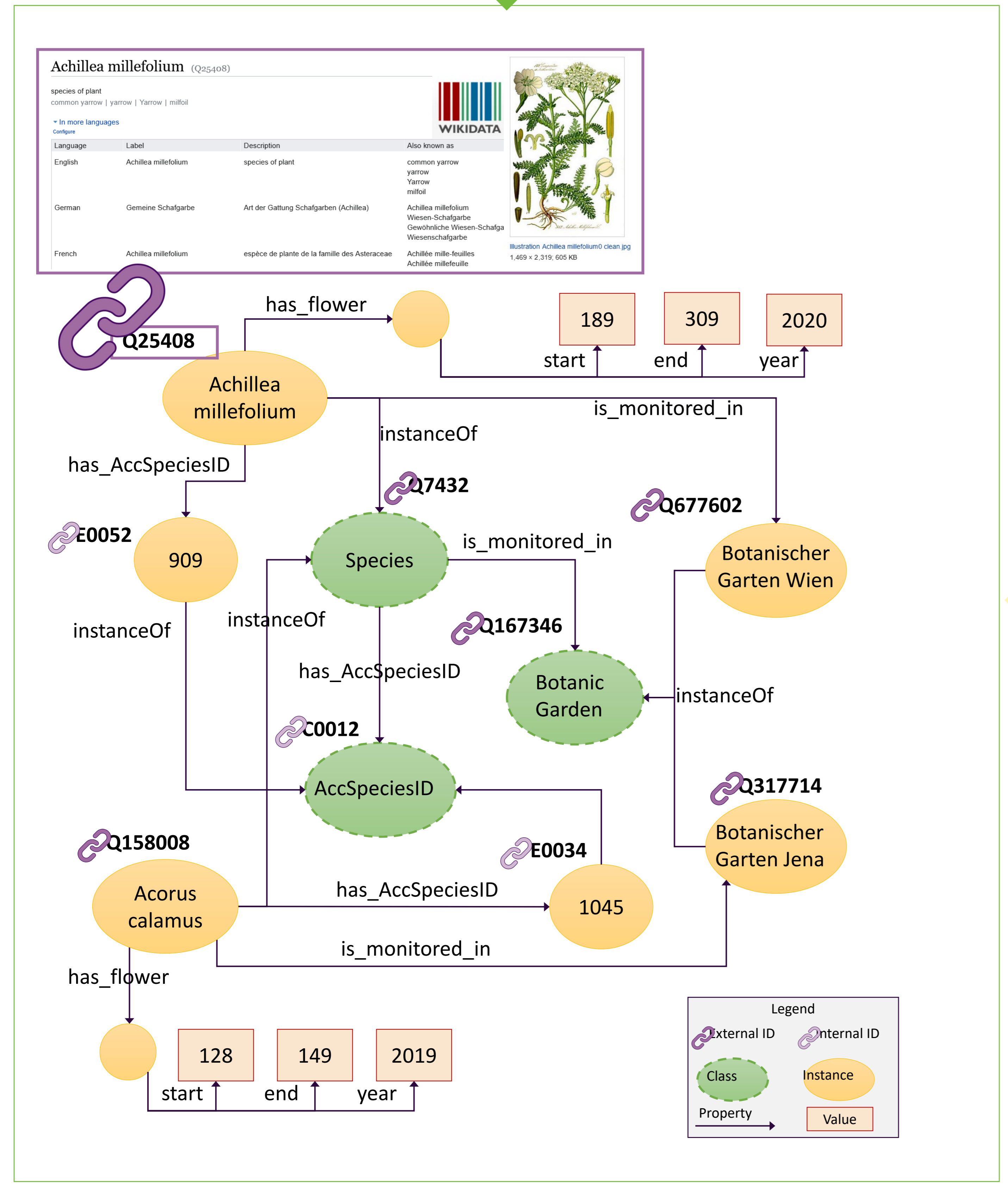


Sample data source

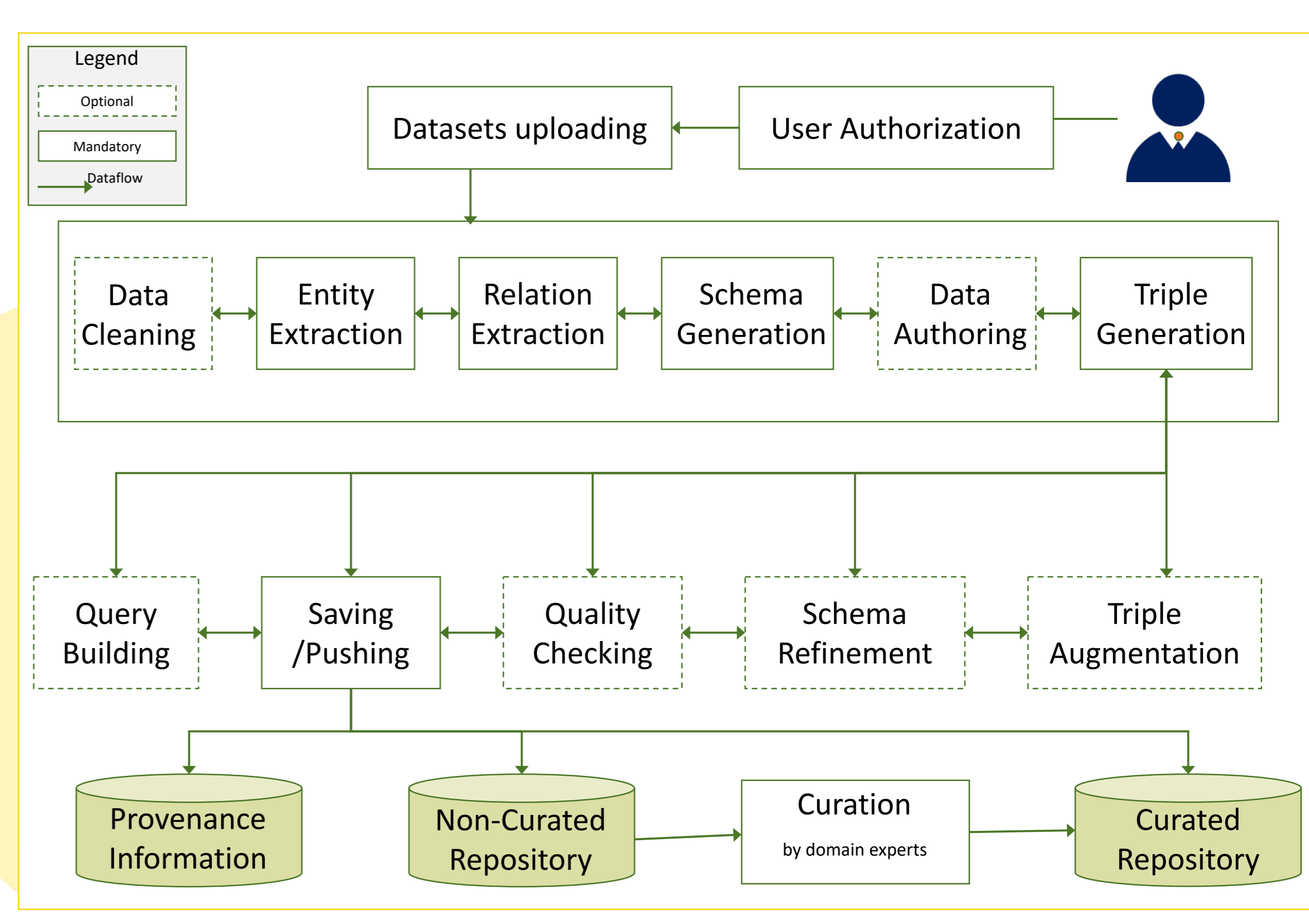
Botanic Garden Name	Species	AccSpeciesID	Year	flower_beg
HBV_Vienna	Achillea millefolium	909	2020	79
Jena	Acorus calamus	1045	2019	NA

Convert Tabular data to RDF triples

Sample Knowledge Graph

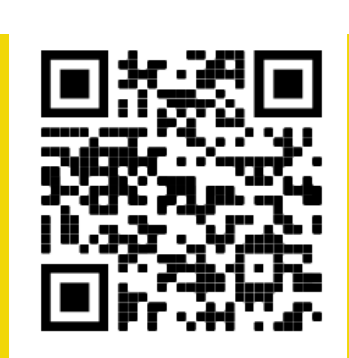


Knowledge Graph Generation - Workflow



- Query KG**: Use SPARQL query; Query the KG based on pre-template queries
- Visualize KG**: Visualize the KG in different views
- Update KG**: Update previously created KG
- Track Provenance**: Retrieve the Provenance Information
- Reproduce KG**: Change & Re-Run the workflow

Read our paper 
<https://biss.pensoft.net/article/93867/>



Visit our web page: <https://planthub.idiv.de/iknow/>

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