Going Meta #19:
Ontology Versioning in Neo4j

Refresher: why ontologies?

- Inference, Semantic Search and Similarity
    - GM#2 Semantic search. A worked example
    - GM#4 Ontology based reasoning 101
    - GM#16 Semantic Similarity Metrics in Taxonomies

- Data Engineering / Semantic Layer
    - GM#6 Ontology-driven Knowledge Graph construction
    - GM#15 Building a Semantic Data App with Streamlit

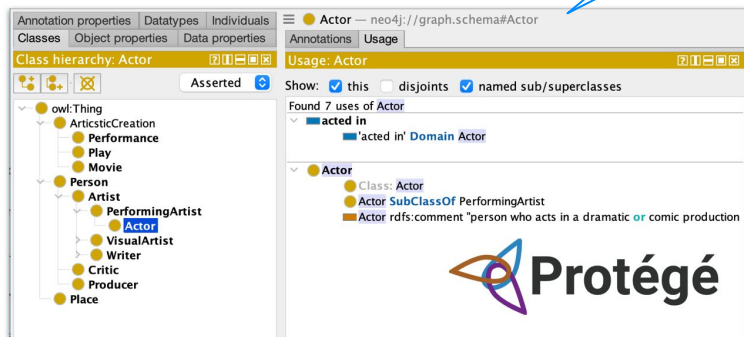*note that versioning also applies to graph constraints (SHACL), see GM#3,GM#9,GM#11*

Ontologies change over time

- Common questions:
    - Deltas: What changed between version X and Y?
    - Get me the current version of the ontology
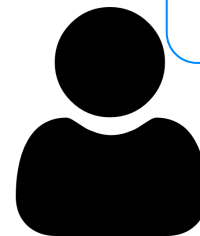   - Travel in time: I want to use version X of the ontology, or the version from May 2021
    - …

Our approach today

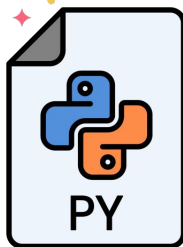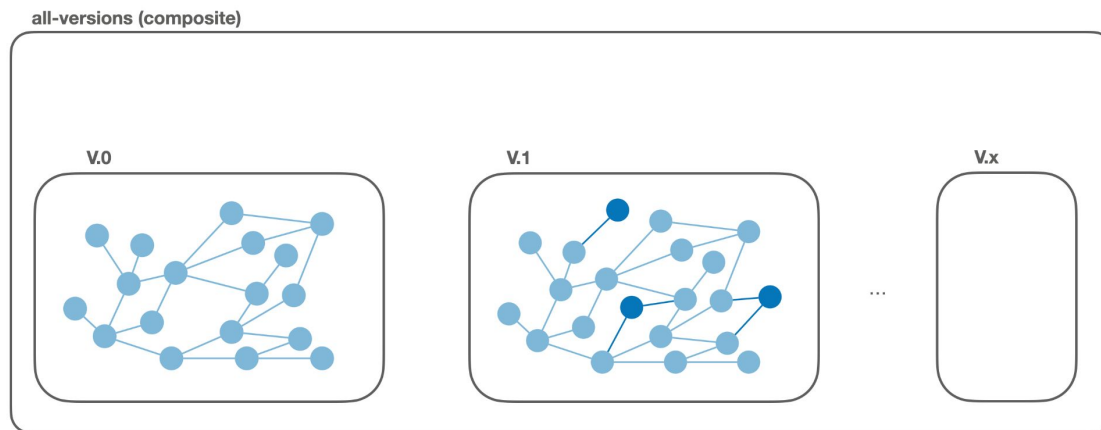# Different DBs for each version

One single DB with version-annotated elements