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Mission

- Maintain a digital taxonomic literature repository to enable archiving of taxonomic treatments.
- Enhance submitted taxonomic treatments, extracts the facts and make them widely accessible.
- Participate in the development of new models for publishing scientific articles in order to maximize interoperability with other relevant cyberinfrastructure components (e.g., name servers, biodiversity resources, etc...)
- Advocate and educate about the vital importance of maintaining free and open access to scientific discourse and data
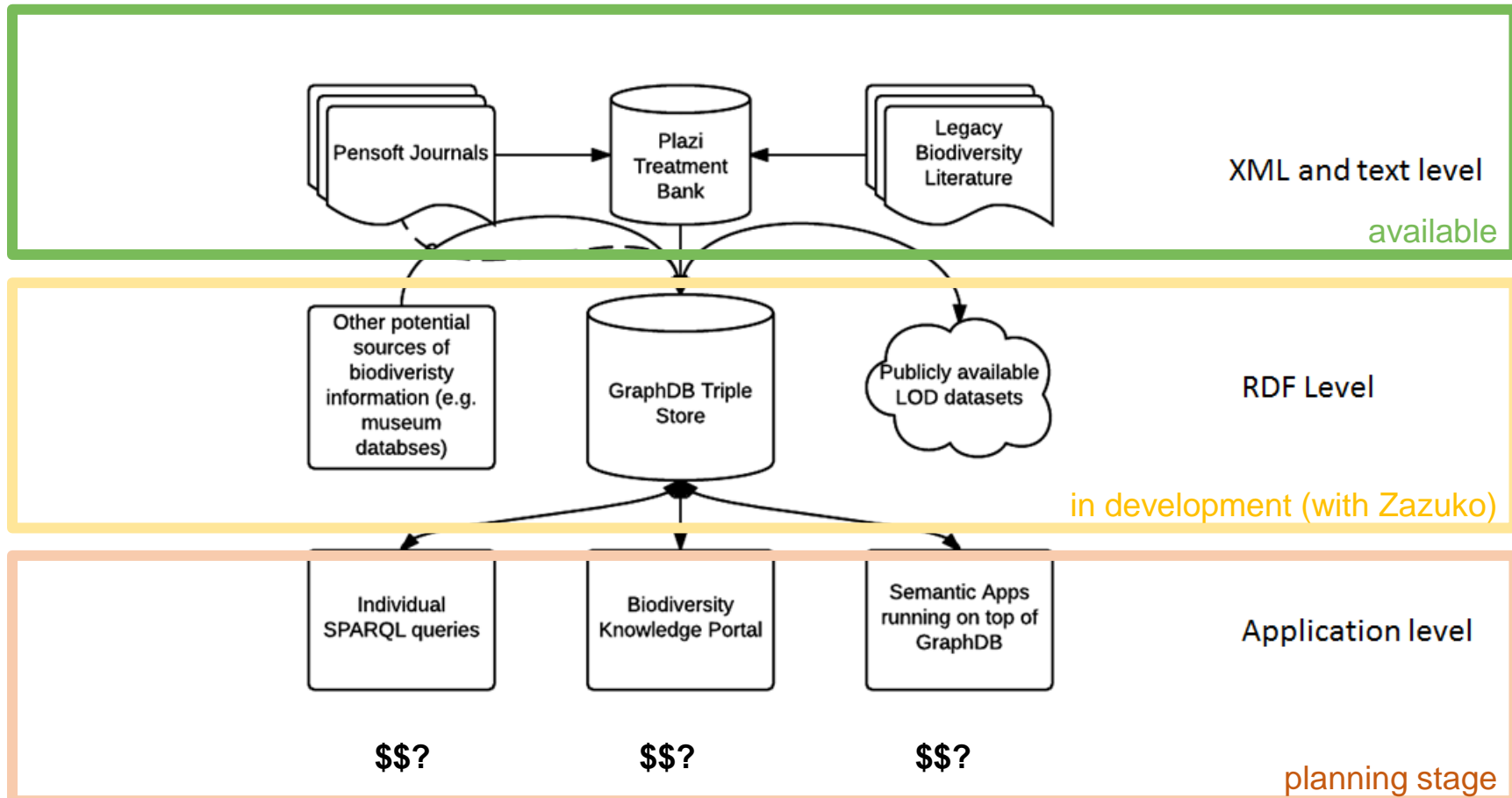
Action

- PDF processing workflow developed, deployed and as service available
- Building a repository with CERN/Zenodo (Biodiversity Literature Repository)
- Promoting scientific illustrations to be in public domain
- Linking scientific names to the data in the cited articles

Making biodiversity data accessible across (research) domains:
bridging the gap between scientific names and data

Open Biodiversity Knowledge Management System

Data

Publications: 17,727 (*2016*: 3,500)
Taxonomic treatments: 165,065 (50,000)
RDF triples: > 20 Million (1M)
Taxonomic names: 152,641 (45,000)

Interlinking and contributions

Scientific illustrations: >140,000 (being uploaded to BLR/Zenodo)

Plazi key expertise

- Plazi PDF extraction workflow. Worldwide the only near-time conversion of new publications
- Coverage of >25% of new described species in science (ca 17,000 annually)
- Expertise in RDF as developers of domain ontologies