Bridging the Semantic Gap between RDF and SPARQL using Completeness Statements

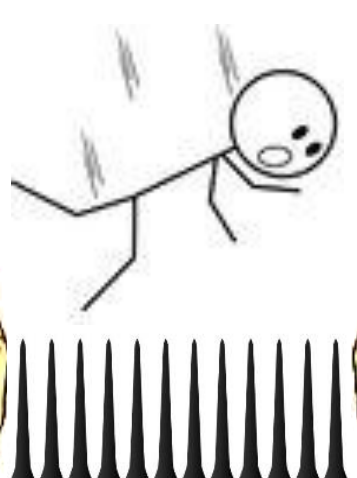GAP

RDF data is often treated as **incomplete**, following the **Open-World Assumption**

SPARQL assumes RDF data to be **complete**, following the **Closed-World Assumption**

PROBLEM

Different query answer semantics in terms of certain and possible answers!