

# Topic: Wikipedia's ontology of software languages



- ▶ **Motivation:** In current research on software language engineering generally and 101companies specifically, we need access to and aim at providing, in fact, an ontology (a taxonomy, at least) for software languages. It happens that Wikipedia contains much related information, which should be analyzed, extracted, and possibly enhanced.
- ▶ **Objective:** Identify Wikipedia markup, its categories, and other elements relevant to software languages. Leverage dbpedia to access Wikipedia in some systematic manner. Represent the result as an ontology based on RDFS or OWL. Compare it with what's available on 101wiki. Make proposals to improvements and integration of 101wiki and Wikipedia.
- ▶ This topic is suitable, for example, for a *research practical*.

