

Bachelor Thesis

Knowledge Refinement in Expressive Description Logics

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Description Logics

Expressive Description Logics

Knowledge Refinement in Expressive Description Logics

Outcomes of the Thesis

- ▶ Extended the axiom weakening operator to \mathcal{SROIQ} and showed that the weakening maintains the necessary constraints
- ▶ Evaluated the proposed approach on real-world ontologies
- ▶ Developed a Protégé plugin for applying these techniques

