Datalog-Based Data Access over Ontology Knowledge Bases

Unit 0 – Course Overview

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Contents

Four units

1. Rules and Ontologies
2. Programs on Top of Ontologies
3. Query Answering
4. Systems

Not complete, subjective, (necessarily) selective

**Goal:** give a glimpse on an interesting topic
Resources

- Slides

- Other courses / tutorials, e.g.
  - at this summer school
  - at the Reasoning Web Summer School
    - M. Ortiz, M. Šimkus: Reasoning and Query Answering in Description Logics (2012)
    - M. Zakharyaschev: Ontology Based Data Acces (OBDA) (2013)
    - W. Faber: Answer Set Programming (2013)
Thanks

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... without their past efforts the material would not be available