Advanced Topics in Foundations of Databases, 2017/18

Material for Final Project and Essays

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Topic 8: Consistent Query Answering in OBDA

1. Meghyn Bienvenu: On the Complexity of Consistent Query Answering in the Presence of Simple Ontologies. AAAI 2012

2. Meghyn Bienvenu, Camille Bourgaux, François Goasdoué: Explaining Inconsistency-Tolerant Query Answering over Description Logic Knowledge Bases. AAAI 2016: 900-906

3. Meghyn Bienvenu, Riccardo Rosati: Tractable Approximations of Consistent Query Answering for Robust Ontology-based Data Access. IJCAI 2013

4. Thomas Lukasiewicz, Maria Vanina Martinez, Gerardo I. Simari: Inconsistency Handling in Datalog+/- Ontologies. ECAI 2012: 558-563

5. Thomas Lukasiewicz, Maria Vanina Martinez, Andreas Pieris, Gerardo I. Simari: From Classical to Consistent Query Answering under Existential Rules. AAAI 2015: 1546-1552

6. Riccardo Rosati: On the Complexity of Dealing with Inconsistency in Description Logic Ontologies. IJCAI 2011: 1057-1062