

Logical Modeling

Introduction

Research Seminar, SoSe 2016

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`https://ddl1.inf.tu-dresden.de/web/Logical_Modeling_\(SS2016\)`

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Seminar Logical Modeling

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The outcome from your perspective:

- ▶ You can determine which formalism is the “right” one for a given problem.
- ▶ You are able to model a problem from a given application domain.
- ▶ You also know how to use the provided tool support.

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- ▶ Now, any example formalism fulfilling these requirements? Or, not fulfilling?

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Theses are conditions to rightfully claim to have *represented knowledge* about an application domain, rather than just *stored data* occurring in this domain.

Read *Logic-based Knowledge Representation*, Franz Baader, KI '96.

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About this Seminar – What's Next

- ▶ We will meet regularly, each Wednesday in the 4. DS.

Wednesday, 13. April	Introduction
Wednesday, 13. April	Answer Set Programming
Wednesday, 20. April	Web Ontology Language
Wednesday, 4. May	FO(\cdot)
Wednesday, 4. May	Modeling Tasks Assignments
Wednesday, 11. May	Regular Meeting
...	...
Wednesday, 13. July	Presentation of Assignments

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