

Logical Modeling

Introduction

Research Seminar, Summer Semester 2019

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`https://iccl.inf.tu-dresden.de/web/Logical_Modelling_\(SS2019\)`

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Seminar Logical Modeling

Aims

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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.

Seminar Logical Modeling

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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.

Monday, 8. April	Introduction
Monday, 15. April	Datalog & Answer Set Programming
Monday, 6. May	Web Ontology Language
Monday, 13. May	FO(\cdot)
...	Modeling Tasks Assignments
...	Regular Meeting
...	...
Monday, 8. July	Presentation of Assignments

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