

Ontolog: background and vision

Till Mossakowski¹



OTTO VON GUERICKE
UNIVERSITÄT
MAGDEBURG

INF

FAKULTÄT FÜR
INFORMATIK

¹University of Magdeburg

2014-26-04

Till Mossakowski: Background

- logic and formal methods for software engineering
- modular and heterogeneous ontologies
- logic-independent proof calculi for structured theories
- Heterogeneous Tool Set (Hets)
- OMG standard “Ontology, model and specification integration and interoperability” (OntoOp)
- Distributed ontology, model and specification language (DOL)
- web platforms ontohub.org, model-hub.org and spechub.org

Some ideas for Ontolog

- Many discussions, but: put more emphasis on results
 - A Wikipedia for ontologies?
 - Ontologies at stackexchange?
- Open Ontology Repository
 - repository and network of different ontologies
 - put it into practice!
 - Ontohub.org is a first step
 - Relation of different (upper) ontologies
 - Categorisation of ontologies: using an ontology or tagging?