

Knowledge Graphs

Lecture 4: Ontologies as Key to Knowledge Representation

FIZ Karlsruhe
Leibniz Institute für Technologie

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- 4.1 From Aristotle to AI: Exploring Ontologies in Computer Science
- 4.2 The Crucial Role of Mathematical Logic
 - Excursion 5: Essential Logics in a Nutshell
 - **Excursion 6: Description Logics**
- 4.3 The Web Ontology Language OWL
- 4.4 From simple to complex: Scaling up with OWL
- 4.5 Unlocking the Potential of OWL

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Additional Hands-On:

- 4.1 Introduction to Protégé Web and Desktop
- 4.2 Reasoning with Protégé



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