



Lecture 4 - Knowledge Representation with Ontologies

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Knowledge Graphs

Lecture 4: Knowledge Representation with Ontologies

4.1 A Brief History of Ontologies

4.2 Why we do need Logic

Excursion 4: A Brief Recap of Essential Logics

Excursion 5: Description Logics

4.3 First Steps in OWL

4.4 More OWL

4.5 OWL and beyond

4.6 How to Design your own Ontology



A Brief History of Ontologies

Next Lecture...

Picture References:

- [1] Raphael, School of Athens, 1511, [Public Domain]
https://commons.wikimedia.org/wiki/File:%22The_School_of_Athens%22_by_Raffaello_Sanzio_da_Urbino.jpg