



LEVELS OF ABSTRACTION



Read World



The world as it is, in all its complexity



dataModel



This stems from our conceptual view of the world



The world of things noticed and named (ontology, semantics)



Some things are more "solid" than others



Physical features, e.g., buildings, rivers, forests

► Is there such a thing as a habitat type or an ethnic group? How is it to be defined and represented?

LEVELS OF ABSTRACTION

▶ **Real World**

- ▶ The world as it is, in all its complexity

▶ **Data Model**

- ▶ This stems from our conceptual view of the world
- ▶ The world of things noticed and named (ontology, semantics)
 - ▶ Some things are more “solid” than others
 - ▶ Physical features, e.g., buildings, rivers, forests
 - ▶ Is there such a thing as a habitat type or an ethnic group? How is it to be defined and represented?

LEVELS OF ABSTRACTION