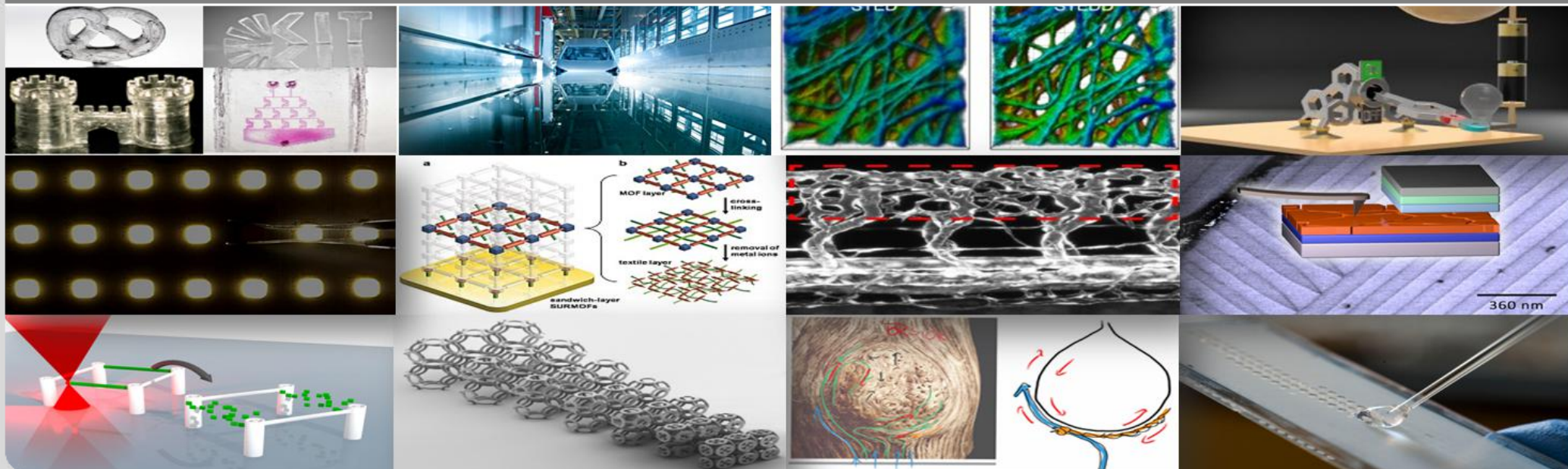


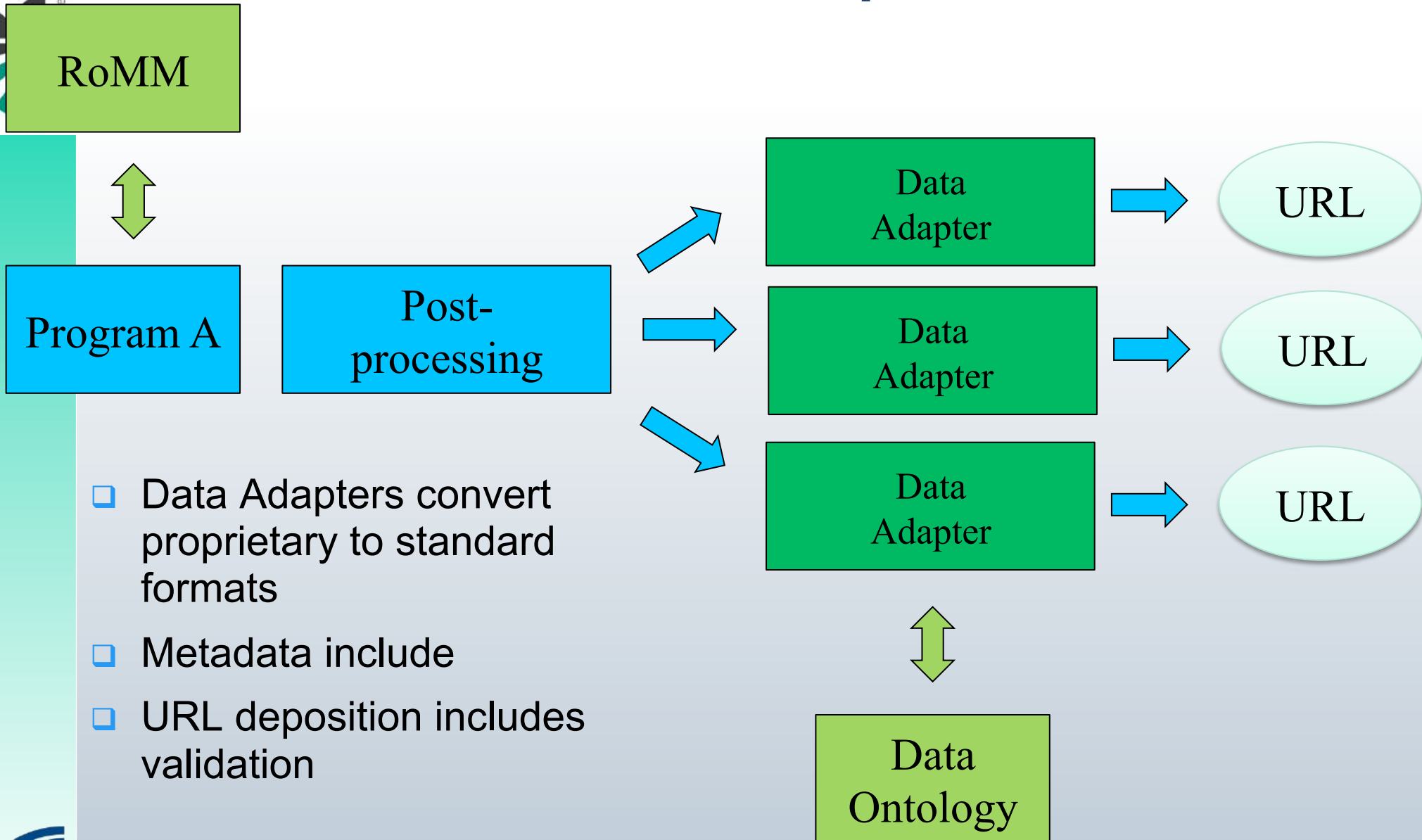
# Ontology Requirements for Software Realization

KIT Center Materials: *Wolfgang Wenzel*

KIT Center Materials, materials in technical and life sciences



# What we need is: Data Adapters



- ❑ Data Adapters convert proprietary to standard formats
- ❑ Metadata include
- ❑ URL deposition includes validation

# Data Ontology

Data  
Ontology

- should be based on model ontology
- should define standard data types for each equation
- define model specific instantiations of generic data

Generic Data  
Type

Geometry

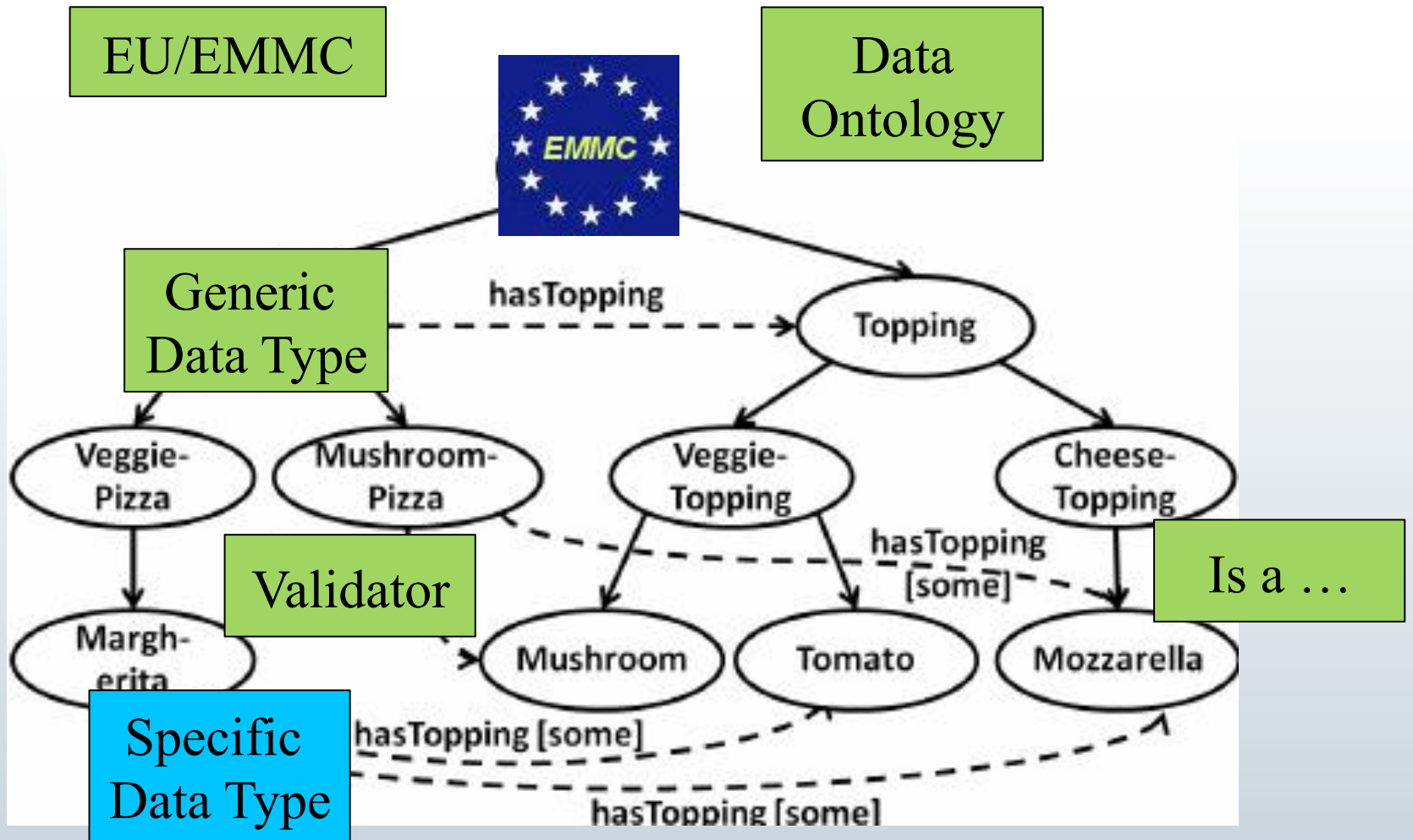


Validator

Specific Data  
Type

Molecular Dynamics  
System

# Who Does What



Software Developer

The good news:  
no software specific definitions