

Foundation ontologies

vs.

Ontoclean

vs.

PURO

# Foundation/Upper/Top-level ontology

- General concepts shared by all domains
- Supports interoperability of ontologies of different domains
- Hierarchical and complex, often rich axiomatization

# Ontoclean

- Methodology for analyzing ontologies
- Explore the logical consequences of making certain choices
- Helps to clarify its ontological commitments
- Uses metaproperties to explore rigidity, identity, unity, dependence etc.

	<b>F.O.</b>	<b>Ontoclean</b>	<b>PURO</b>
<b>Provides general concepts</b>	<b>Y</b>	<b>N</b>	<b>N</b>
<b>Supports interoperability of ont.</b>	<b>Y</b>	<b>N</b>	<b>Y</b>
<b>Hierarchical and complex</b>	<b>Y</b>	<b>N</b>	<b>N</b>
<b>Methodology</b>	<b>N</b>	<b>Y</b>	<b>Y</b>
<b>Uses metaproperties</b>	<b>N</b>	<b>Y</b>	<b>Y</b>
<b>Uses rigidity, identity, unity, dependence</b>	<b>N</b>	<b>Y</b>	<b>N</b>
<b>Uses class, object, relation metaprop.</b>	<b>N</b>	<b>N</b>	<b>Y</b>
<b>Focus on vocabularies</b>	<b>N</b>	<b>N</b>	<b>Y</b>
<b>Focus on data (vs. structure)</b>	<b>N</b>	<b>N</b>	<b>Y</b>