Multi-Lingual Ontologies

WHAT *"Language Specific Terminology for Ontologies"*

⇒ Ontologies Represent Knowledge about a/the World

⇒ Content is (Very Often) Represented in Human Language

⇒ Terminologies / Lexicons Connect Content and Knowledge

WHY *Scaling Up of the Semantic Web*

⇒ Automatic Knowledge Markup (Semantic Metadata) -- Inform. Extr.

⇒ Automatic Support for Ontology Evolution/Alignment -- Text Mining

WHO *NLP, IR, ML Communities with Ontology Community*

⇒ Linguistic Processing (Lexicons/Grammars) for Many Languages

⇒ Use Experience from Cross-Lingual Information Retrieval

⇒ Multilingual Term Extraction from Parallel /Comparable Texts

WHEN *?*

⇒ Some "MOs" Available Today <<>> Automatic Support Starting

German Research Center for Artificial Intelligence GmbH

© Paul Buitelaar: ELSNET, Lisbon – May. 2004