A Toolkit for Business Process Owners to Capture Early System Requirements

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Enterprise Ontology (e.g. TOVE, Dietz)

Workflow-centric process representation (e.g. BPEL, BPMN)

Integrated ontological environment

Semantic BPM

Why?
✓ Alternative means to achieve goals
✓ Improved communication
✓ Semi-automatic translation

ARIS

Organisational

Functional

Data

Control flow

BP Owner

BP Modeller

toolkit
A toolkit for process owner
• Von Hippel (User Innovation)
• SCOR as toolkit for BPI
• Our research: Tropos / i*

Mapping toolkit info to BPMO
• Preliminary systems req
• Mapping algorithm (ontologies)
  ‣ When i* Task leaf node
  ‣ Insert Task in BPMO diagram
    Manual Task
    Web Service Task
    Goal Task
Early requirements (i*)

BPMO diagram