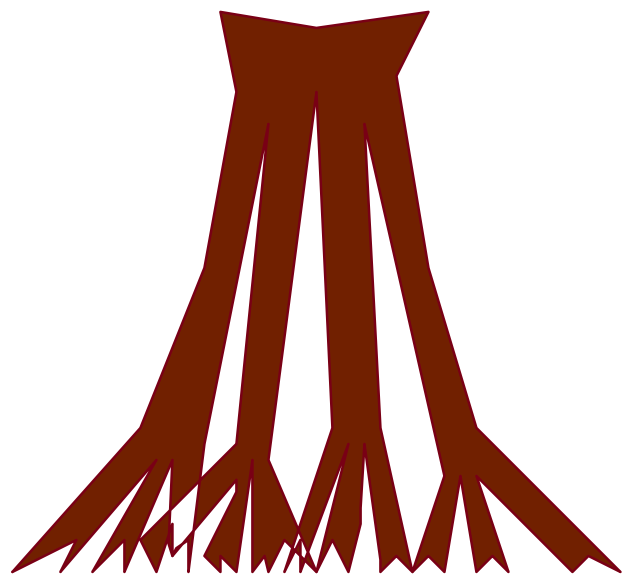
Establishing Ontologies

Top-down:

- Commonly acceptable UPPER layers



Domain-specific

- Sharing tools
- Object based

Bottom-up

- Pragmatic, TASK-specific collections