Background and Vision

Amanda Vizedom
amanda.vizedom@gmail.com

ONTOLOG Going Forward

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Vizedom - Background

- Founding Partner, Criticollab, LLC
- PhD Philosophy
  - Specialty: Epistemology; Additional Competencies: Formal Logic; Phil. of Science; Feminist, Multi-perspectival Phil.
- 15+ years in applied formal ontology
- Generalist across Application Types and Systems
  - Federated access to distributed, legacy data sources via semantic services
  - Mixed-initiative knowledge elicitation and question-answering systems
  - Web search & retrieval, semantic indexing, entity extraction, faceted relevance, cross-lingual
  - Ontology-based evaluation of knowledge systems
  - Knowledge-based semantic integration of info from heterogeneous knowledge sources
  - Elicitation, formal representation, and validation of expert knowledge
  - Situational Awareness, monitoring, and complex event detection
- Cross-domain and domain-specific knowledge
  - Capture and representation of implicit context assumptions and provenance information, for purpose of cross-context usability and/or integration
  - Domains including consumer electronics, military command & control, situational awareness, planning, and logistics, financial management, personal information management and assistance, geography and terrain, personnel, training, pharmaceuticals, psychiatry, …
- Varied open and proprietary ontology languages, development environments, and reasoning and application systems

Vizedom – Interests in Ontology

- Cross-context, cross-community information sharing
- Collaborative knowledge-development
- Decision support
- Human-complementary information processing and cognitive assistance
- Use of technologies to enhance information availability and reliability, including mitigation of human limitations and situational biases.
- Well-founded, evidence-based, requirements-sensitive, and reliable methodologies for developing , managing, evaluating, using, and reusing ontologies.

Vizedom – Vision for Ontolog

- Safe transition
- Take opportunity to revise approaches (infrastructural, procedural, ?) to take advantage of new capabilities and insights
- Increase and stabilize value of all Ontolog activities, including general Forum discussion
- Enhance value of Ontolog to individual applied ontology practitioners and consumers