

Ontolog Community Background and Vision

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Personal Background

- Associate Professor of Computer Science, Northeastern University
- Pioneer of “Big Data” since 1983
- President of the Boston ACM 1990-92
- Developed high-performance, distributed indexing of knowledge bases since 1994
- Part of the DAML program in 2000 that developed the Semantic Web
- Co-author of introductory textbook on ontologies
- Supervised development of Purple Semantic Media Wiki (PSMW) by my students, with the assistance of Peter Yim and others from the Ontolog community
- Active in the Open Ontology Repository Initiative (along with my students)
- Co-chair of OASIS ICOM Technical Committee, developing ontology-based standards for interoperation of collaborative and social networking systems
- Research in many areas of data semantics: health science, wireless communication, adaptive systems, self-awareness, collaboration tools, situation awareness, combinatorial algorithms, high-performance database systems, software engineering, ontology consistency checking, probability theory

Ontolog Community Infrastructure

- Wiki
 - Recently transitioned to Purple Semantic MediaWiki
- Repository
 - Includes mail archive, slides, audio recordings, communiqués, etc.
- Conference Bridge Service
 - Support for large groups of international callers
- Forum
 - Mailing list

Ontolog Future

- Activities
 - Continue current activities: seminar series, Ontology Summit, ...
 - Support new activities, including new communities of practice
- Wiki
 - Continue development of support for semantics
 - Dedicated team of volunteers to manage the wiki
- Repository
 - Add support for semantic annotations and queries
- Conference Bridge Service
 - Continue current level of service
 - Either support from IAOPA or by donations
- Forum
 - Peter Yim will continue to support this service.