SILK is here!

Semantic Web Rules with Defaults, Higher-Order, and Scalability

Catch the presentation by Benjamin Grosof, Vulcan Inc.:
Rules Track talk Thurs. 6/24 11:30am;
“The SILK 2 System and RIF Dialect: Semantic Rules Grow Up”

- A knowledge representation (KR) system: reasoner, language, UI, interchange.
- A new, highly ambitious effort by Vulcan Inc., which also develops Semantic MediaWiki+ and venture invests in semantic technology. Multi-institutional.
- Addresses fundamental requirements for scaling Semantic Web to widely-authored Very Large KBs in business and science that answer questions, proactively supply info, and reason powerfully.
- Radically extends the KR power of W3C OWL, SPARQL, and RIF – and of SQL
  - Defaults and robust conflict handling – cope with knowledge quality and context
  - Higher-order and flexible meta-reasoning – elevate meta-data to meta-knowledge
  - Actions and events, cf. production rules and process models – activate knowledge
- Use cases in business policies, ontology mapping, e-commerce, biomed.
- Redefining the KR playing field for semantic web, business rules, and rule-based process management.
- How You can be Involved:
  - Try the software, or review the language design – email us
  - http://silk.semwebcentral.org