SILK is here!

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

SILK is a …

• Powerful rule knowledge representation (KR) language and system, with reasoner, UI, and interchange. It includes the RIF-SILK dialect.
• Ambitious R&D effort led by Vulcan Inc., to push the state of the art and address fundamental requirements for scaling Semantic Web
• Expressive extension of W3C RIF-BLD, SPARQL, OWL-RL – and 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, events, production rules, and process models – *activate knowledge*
• New KR option for semantic web, business rules, & rule-based process mgmt.

• Learn More…
  • SILK/Rules Tutorial: *Web Rules: Fundamentals, Standards and Applications*
    • Monday Nov. 8  14:00-18:00
  • SILK Demo/Poster: *A SILK Graphical UI for Defeasible Reasoning, with a Biology Causal Process Example*
    • Tuesday Nov. 9  19:00-21:00
• Talk to Benjamin Grosof or Mike Dean, SILK presenters at the conference
• Explore [http://silk.semwebcentral.org](http://silk.semwebcentral.org)