

# Announcing... **SILK**

<http://silk.projects.semwebcentral.org>

## “Semantic Rules Take the Next Big Step in Power”

Catch the SemTech-2009 talk Thurs. 6/18 9:45-10:45am

presented by Benjamin Grosf, Vulcan Inc.

- A new, highly ambitious effort by Vulcan Inc., which also develops Semantic MediaWiki+ and venture invests in sem tech. 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.
- A knowledge representation (KR) system: reasoner, language, UI, interchange.
- 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:*
  - In ~ fall 2009: try out SILK software; comment on SILK language design
  - Visit the SILK webpage, subscribe to (rare) announcements, cooperate in other ways

