



# SILK is here!



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

Catch the presentations by Benjamin Grosf, Vulcan Inc.:  
RR-2009 keynote talk Mon. 10/26 9-10:30am;  
ISWC-2009 demo/poster Tues. 10/27 7:15-9:15pm;  
ISWC-2009 tutorial on semantic rules Mon. 10/26 2-6pm

- 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>