



OpenLink Software

RDF For the Data Driven Age

Orri Erling

(Virtuoso Program Manager – OpenLink Software)





Semdata is Getting There

- *Most RDBMS Advances Apply: Column Stores, Vectored Execution, Elastic Cluster Support - We are doing it.*
- *Data Warehousing in RDF Is Becoming an Option*
- *Adequate Benchmarks and TPC-Style Audit Process for Result Comparability to Drive Continuous Advance.*
- *SIB, finally a benchmark that will show RDF to advantage*
- *OpenLink Agenda: Bring the Best of DB Science to RDF, Make RDF Come of Age*



Inference

- Much More Diverse Requirements Than With DB Query Answering
- So far, large scale with tiny ontologies or small data with complex ontologies
- Is this an answer in search of a question?
- OpenLink Position - Once the requirement and value are clear, we build it into the DB engine



Data Integration

- Data is everywhere but where are the people who understand it?
- Technology needs to be driven by use cases and benchmarks
- Universities need to create the data geek profile
- Semanticist, learn DB! Untold practical value will result if users understand a little of first principles



LOD

- There is data and base technology, so...
- Let's see the business questions LOD could answer
- Let's keep lowering time to answer for these questions
- A virtuous cycle could result



Directions and Challenges

- Focus R&D to high payoff questions
- Issue the right challenges: 1st Planet Data challenge on using LOD, why not make next one about the enterprise?
- Make the use cases clear and compelling and the techies will come.
- LOD2: CWI and OpenLink, a a roadmap of smarter and more adaptive DB tech for RDF



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Thank You!

<http://www.openlinksw.com>

