INFINT 2007

Next Steps

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Testbeds, Benchmarks, Repositories

- How can the community help with the development of a testbed for data integration and data exchange?

- Open source data exchange engine?

- Repository of schema and schema mappings?

- Benchmark data exchange tasks and benchmark queries?

- One concrete suggestion by Zachary Ives:
  - Develop a wiki ("infint-pedia"), where researchers post their schemas, schema mappings, and so on.

- Do we need a "standard" mapping specification language?

- Re-usability of schema mappings

- Metrics for comparing concepts and tools?

Foundations of ETL

- How and what can our community contribute to ETL?

- Study the foundations of ETL
    - Identify key primitive operators
    - Develop an algebra and/or a calculus for manipulating ETL operators

- What do we need to add to the basic constructs of data exchange and data integration to study ETL and create a unifying framework?

- Study the process ("dynamic") aspects of ETL

Other Topics

- Privacy in information integration
- Uncertainty in information integration
- Usability and data quality