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