

Data Formats and Models (FoaM) BoF

S. Malaika, IBM
GGF7

Relational and XML Databases

- Need agreed XML formats for processing relational and XML databases for the grid
 - Some basic areas do not have not XML notations yet
- Where standards are required beyond the grid environment – the grid community should:
 - refer to standards if they exist
 - notify the relevant standardization groups if they don't
 - Either find a way to get the required standard defined
 - Or contribute a standard as a starting position to the relevant group

Main Areas of interest

- XML formats for relational tables and XML Collections
 - ANSI/ISO: SQL/XML – in charter, not started
 - W3C?
- XML formats for relational table content and XML collection content
 - ANSI/ISO: SQL/XML – completed
 - W3c?
- XML formats for relational query results and XML query results
 - JCP: JSR 114 – in progress
 - W3c?
- XML formats for relational and XML database bulk load formats
 - ?
- XML formats for SQL and XML Query specification and parameter handling
 - ANSI/ISO: SQL/XML – in charter, not started
 - w3C: XQueryX

Related areas of interest

- Agreed ways of labeling relational and XML database metadata and content
- Agreed ways for handling versions in relational and XML databases
 - WebDav?