DAIS Working Group - Session 1
Grid Data Services Specification
GGF11 - 7th June 2004

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Agenda

- Introduction: Review of Activities to Date

- Grid Data Services Specification Update: Norman Paton (50 min)

- Discussion: Grid Data Services Specification Issues: Norman Paton (30 min)

DAIS Working Group Charter

- Promote standards for the development of database services in a Grid environment

- Focus principally on providing consistent access to existing, autonomously managed databases.

- Not seeking to develop new data storage systems

- Provision of composable components to ease application development

- Make existing systems more readily usable individually or collectively within a Grid framework.

DAIS Working Group Goals

- To identify and document the requirements of database and information management applications within a Grid setting.

- To develop a proposal for a standard interface for grid database services.

- To work with other groups within the GGF to ensure that the database service standard proposal conforms with other emerging Grid standards.

- To foster the development of reference implementations of Grid database services.

Activities Through To GGF9

- GGF4
  - BOF - draft nature and scope of DAI, Requirements identification
- GGF5 – GGF6
  - Requirements scoping and definition
  - OGSI based GDS specification development
- GGF7
  - Finalised Requirements
  - Updated GDS Specification
  - Updated GGF5 document based on Data Services
- GGF8
  - Revised conceptual model
  - Specification aligned to Data Services
  - Topic based discussions – Data sets, metadata
  - Out of scope topics – Files, co-existence between Web & Grid services
- GGF9
  - Core specification with Relational & XML realisations
  - Files topic discussion
  - Information dissemination discussion
- GGF10
  - Document restructuring
  - Focus on semantics
  - DAIS input to CGS-WG
  - Support for formation of INFOD WG

Post GGF10 Activities

- Charter Revision
  - Time scale and deliverables
- Specifications
  - Stabilisation of Core and Realisation documents
  - Issue resolution
- Investigation of DAIS mappings to WS-I, WS-I + Context, and WSRF
- Ongoing collaboration with INFOD CGS-WG
- Files BoF for GGF11
- Continued community involvement
  - Weekly topic based Telcons
  - Use Cases

Further GGF11 DAIS sessions

- Session 1: Grid Data Services Specification
- Session 2: Specification Realisations [Norman Paton to Chair]:

  8th June 12:30 – 2pm South Pacific 2
  - 1. Relational Realisation: Brian Collins (40 mins)
  - 2. XML Realisation: Amery Krause (40 mins)
  - 3. Summary/Plans (10 minutes
- Session 3: Related Standards & Activities [Dave Pearson to Chair]:

  8th June 4 – 5:30pm South Pacific 2
  - 1. Relationships to Other Standards: Brian Collins (30 mins)
  - 2. Data Services Document – Issues & Plans: Allen Luniewski (45 mins)
  - 3. Object Database Services: Norman Paton (15 mins)
- Session 4: Dependencies on Web Service Standards [Norman Paton to Chair]

  8th June 4 – 5:30pm South Pacific 2
  - Representing DAIS Functionalities using Emerging WS-Standards: Savas Parastatidis (60 mins)
  - Panel to Discuss Informational Document

Documents Produced for GGF11

- Web Services Data Access and Integration

- Web Services Data Access and Integration - The Relational Realization (WS-DAIR)

- Web Services Data Access and Integration - The XML Realization (WS-DAIX)

- Scenarios for Mapping DAIS Concepts