DAIS Working Group - Session 1 Grid Data Services Specification GGF12 – 21st September 2004

Dave Pearson

Co-chair

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DAIS Web site: http://www.cs.man.ac.uk/grid-db

DAIS Mailing List: dais-wg@gridforum.org

Agenda

- Introduction: Review of Activities to Date

- Overview of the DAIS Specifications: Norman Paton (30 minutes)

- Discussion of issues with DAIS Specifications Logged in GridForge: Simon Laws, Brian Collins, Amy Krause (50 minutes)

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.

Post GGF11 Activities

- Specifications
  - Stabilisation of Core and Realisation documents
  - Issue resolution
- Finalising of DAIS mappings to WS-I, WS-I + Context, and WSRF
- Ongoing collaboration with INFOD CGS-WG
- Support for Access to data in Files
- Fortnightly topic based Telcons
- Socialising Specifications

Further GGF12 DAIS sessions

Session 2: Wednesday 5:30 – 7:30pm   **D002**

Representing DAIS Functionalities Using Web Service Standards

- Represention Options for DAIS Functionalities using WS-Standards: Simon Laws/Savas Parastatidis (60 minutes)
- Discussion of Representation Options (30 minutes)

Session 3: Thursday 9:00 – 10:30   **QD**

Specification Related Activities

- Socialising the Specification: Dave Pearson (45 minutes)
- Relating the DAIS Specification to Commercial Data Access Services: Dave Pearson/Susan Malaika/Savas Parastatidis (45 minutes)

Joint GSM–DAIS Session Wednesday 3:30 – 5:00pm   **D002**

Documents Produced for GGF12

- Web Services Data Access and Integration (WS-DAI)

- 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