Participants
- Hiro Kishimoto, Fujitsu
- Jay Unger, IBM
- Dave Snelling, Fujitsu
- Mike Behrens, R2AD, LLC
- Hugo Mills, OMII
- Pietro Iannucci, IBM
- Ellen Stokes, IBM
- Donal Fellows, UoM
- Jem Treadwell, HP
- Michel Drescher, Fujitsu
- Fred Maciel, Hitachi
- Fred Brisard, CA
- Andreas Savva, Fujitsu
- Steven McGough, Imperial College

Agenda
- JSDL 2.0 – Ideas
- OGSA General discussion

OGSA General discussion

Document schedules
- Hiro gives a presentation about the current OGSA document schedule
- The group discusses the different schedules for the different documents in the OGSA pipeline
- The OGSA EMS Architecture scenarios 1.0 document is a GFD-I
  - Expected publication date (after public comment) is December 2006
- OGSA EMS Architecture is delayed, new publication dates are yet unknown
- New document OGSA EMMS Architecture scenarios capability document will be a new document. Publication dates are not known yet.
- Information Modelling in OGSA Position Paper planned PC for December 2006, GFD-R publication planned for at Feb 2007

- Container information model (will be an appendix to the BES spec) is planned to go into PC in February 2007, and published in April 2007
- Guidelines for Information Modelling for OGSA Entities document is expected to be ready for PC in February 2007 and published as GFD in April 2007.
- The following documents should go together:
  - Guidelines for Information Modelling for OGSA Entities
  - EMS container information model profile
  - Information Modelling in OGSA Position Paper
- The group discusses the best approach on how to perform the work on and with the Information Modelling documents
- The group discusses in more detail process and potential contents of the Information Model documents
  - Information Modelling in OGSA Position Paper
    - will also include a wiki page
    - will include XML schema and semantics
    - will give best practices
- The group has rough consensus that XQuery is the right path to follow.

Telephone conference schedules

- The group discusses whether the current schedule shall be changed
- The group also discusses the topics of the phone conferences fo the next couple of months.
- The results will be published on the website

JSDL 2.0

- Andreas gives a recap of the outcome of the JSDL sessions of this GGF convention
- "Parallel Application" and "HPC Profile" are extensions to the existing JSDL 1.0 specification
- Andreas gives an overview of the current JSDL structure
- Andreas gives an outlook of a possible new structure of JSDL 2.0
- The group discusses a future possible structure of JSDL 2.0 documents
- A Job has Requirements, and a Resource has a Description.
  - These Requirements and Descriptions need to be matched

- o This is the base case profile
- A Job can also have a (optional) informative description, and a Resource may have Requirements.
  - o These may be cross checked as well, but not in the base case
- The group has rough consensus that there should be guidelines or specifications what elements should go into the Job's Requirements section.
  - o There is some controversy where this work should be carried out (e.gg. in OGSA or in JSDL)
- Jay introduces the "document centric model approach to tackle this problem
- Elements in the Requirements section may not be used in the matching phase to determine the node where to run, but also while the job is running, the corresponding JSDL document may be used to query i.e. security information (e.g. XACML elements)
- The group discusses the correct location of sensitive security information
  - o The body of a port type (i.e. the JSDL document itself), or
  - o Message Headers
  - o There is rough consensus in the group that this may be the right path to follow
- We must be very careful which security information is carried in which locus in the message passing structure in a deployed grid
  - o The group has rough consensus on the following:
    - The security information that is necessary to perform authentication and authorisation should go into the JSDL document itself.
    - The deployed Grid will perform the authentication and authorisation that is necessary to execute the submitted job
    - The outcome of that AuthZ process is information that should be put into a different location, i.e. message headers (e.g. WS-Security)

JobDependencies, JobGroups and Parameter Sweeps with JSDL 2.0
- Jay introduces the "missing the train problem" as a simple problem that may be an issue with the current JobGroup proposal

- Jay proposes to express dependencies not as concrete XML but as XQuery expressions
- Dave opposes to that, indicating that the XQuery expressions would have the problem how to tag the data dependency type appropriately
- The group discusses the pros and cons of different approaches and use cases, e.g.
  - BPEL
  - MPI
- Jay proposes a technologies telecom to gather the experiences with workflow elements
- AU-0915a (A Savva, S McGough): Set up a telephone conference to collect workflow experience

Action Item Summary

AU-0915a (A Savva, S McGough): Set up a telephone conference to collect workflow experience