

# March 25, 2004 OGSA-WG teleconference minutes

## 1 Early discussion

- (1) Note taker assignment: Fred
- (2) Roll call
  - Fred Maciel (Hitachi)
  - Dave Snelling (Fujitsu)
  - Latha Srinivasan (HP)
  - Allen Luniewski (IBM)
  - David Berry (NeSC)
  - Hariharan Balakrishnan (IBM)
  - Jem Treadwell (HP)
  - Jeffrin J. Von Reich (HP)
  - Andrew Grimshaw (UvA)
- (3) Apologies from members who could not participate
  - Andreas Savva (Fujitsu)
  - Bill Horn (IBM)
  - Jay Unger (IBM)
- (4) Approve the minutes of last teleconference
  - Minor correction Hiro: “logging session BoF” should be “logging service BoF”
  - no other comments, approved
- (5) Agenda bashing
  - Add OGSA infrastructure dependencies (change from OGSI from WSRF)
  - Fred: CMM-WG discussion postponed to next week

## 2 Data area discussion

- David Berry sent minutes of data area design team teleconference to OGSA-WG mailing list. Explained contents:
  - Everybody agreed with time and scope (architecture for OGSA document)
  - Work planning
    - ♦ Andrew suggested approach from PE: couple of people writing strawman proposals, and compare them to see if there is confusion of concepts or nomenclature, clashes, need for layering, etc.
    - ♦ People (Andrew, Malcolm, Alan) writing proposals. David Snelling: divided into areas? David Berry: no, probably people will come up with different approaches. David Snelling: concern if there is anything missing. David Berry: will verify.

- ♦ Osamu Tatebe volunteered the use cases for file systems.
- Ian Foster suggested writing requirements. Check use cases to see if we are covering requirements.
- Discussion about the Data Area Function and Structure Analysis document. Consensus that is too high-level to be basis of architecture.
- David Snelling: need to check if we support ACID properties on distributed transactions and coherency, or if we need a relaxed model for them.
  - Andrew: there is a WS-Transactions standard we might want to look at. Second, coherency models for data are well understood.
- Hiro: there is overlap on file systems (WG and DAIS), are they going to co-ordinate? Andrew: data area is looking on how to write an architecture for data, we don't need to worry about such collisions. Hiro: agreed, it is their issue.
- Hiro: what is the next step on naming? Andrew: write strawman, present later to OGSA-WG (PE work has higher priority though). Hiro: wants to add discussions to face-to-face meeting.
- Hiro: will create data area design team folder to store their minutes.

### 3 OGSA infrastructure dependencies

- David Snelling explains background. We previously made the decisions to be independent of OGSI at the conceptual level, and change the language of the OGSA spec after GGF10. Now the WSRF proposals are in OASIS, and we are sure that it is moving ahead. There are two extremes on what to do next: we change the language of the document to WSRF (good for interoperability) or keep it independent of WSRF (doesn't disenfranchise the people in the Grid community who are not working on Web services). OGSA architecture activity has increased, we are a kind of special working group (flagship architecture), it is a great responsibility. There is pressure to say if WGs or technologies (e.g., Jini) are OGSA-compliant or not, which is a difficult position technically and politically.
- Andrew: certainly can make spec neutral if we make statements. Spec has longer lifetime if neutral. Real concern is that path the interoperability will be impacted, so Grid vision value will be reduced. Need to live with WSRF if we want to build Grids of Grids.
- Hiro: DAIS is thinking about specifying neutral document and a mapping document. This approach could be taken by us also.
- Jeffrin: the architecture model should be independent of the programming one. But need integration. Also, there is the problem of timing of the release of the OGSA spec,

need some model. Change order, use WSRF first, then on the next version make the document neutral.

- David Berry: in practical terms there is the branding issue (two companies saying they have an implementation of OGSA); people will expect these things to be compatible. We need a naming scheme (OGSA/WSRF, OGSA/Jini, etc.) or make clear that there are two documents.
- David Berry: is this a GFSG level decision? David Snelling: no. Andrew: we will send e-mails and get general consensus.
- Jeffrin: on interfaces versus functionality, we can make the functionality neutral but specify interfaces (can make an abstract architecture with multiple bindings).
- Latha: endorsement of WSRF means also WS-Notifications or different issue? David Snelling: several parts of OGSA need notification, will need something similar. WS-Notification implies WSRF? David Snelling: yes.
  - David Snelling: possible middle ground: build for Web services, but doesn't say WSRF (WSRF and WS-Notifications are extensions that are needed).
    - ♦ David Berry: thought that what David Snelling described was similar to the two-document approach of DAIS. David Snelling: high-level architecture will have WSRF or equivalent anyway, might use WSRF naming or will waste time.
- Jem: can't discuss it for a lot of time, it is fundamental and we have to come to a conclusion to write the document. David Snelling: yes, but need to get wider feedback.
- David Berry: one concern is that WSRF is not a standard yet (risk that things will change). Another is that some people are doing Grids in Jini and want to use OGSA.
- David will send e-mails asking for feedback. Hiro: hope to achieve some level of consensus as much as possible.

## 4 Other Businesses

- Jem: glossary becoming very urgent, lots of terms need discussion. Will follow up in phone calls or by e-mail with related people. Hiro: need time slot? Jem: yes, perhaps second call of next week.
  - David Berry mentions a document being drafted that can give lots of input of glossary. David Snelling: send copy to Andrew, it is related to PE. Jem interested in receiving it also. David Snelling: send it to OGSA-WG list.
  - Fred: there is also the scheduling dictionary; will send pointer to Jem.