November 11, 2003 CMM-WG teleconference minutes

1 Early discussion

(1) Note taker assignment: Fred
(2) Roll call:
- Fred Maciel
- David Snelling
- Hiro Kishimoto
- Jem Treadwell
- Latha Srinivasan
- Jim Willits
- Ravi Subramaniam

(3) Approve minutes:
  (a) GGF9's minutes: no comments, approved.
  (b) Last week's minutes: no comments, approved.

2 Discussion on the status of WSDM TC

- Among the teleconference participants Fred, David and Hiro are following the work of WSDM. WSDM is now working to get consensus on the basic issues, and specs starting to take shape. Major milestones are the sub-WGs re-synchronization on the 13th (which is the formal starting point of some of their work), and the face-to-face on December 2 and 3.
- David: Impressed with document, a lot of information in a very short space. WSDM is a very professional operation.
- Consensus that so far their specs are suitable to the needs of the GGF. We will keep watching their work.
  – David asked who from the GGF side is working on WSDM. [Fred will make this clearer, especially who is actively participating and who is mostly observing].
- Fred asks David about the pitfalls that OGSI faced on versioning. David: there is no way to give multiple semantic meanings to the version number (compatibility, bug fixes, revisions, etc.) – there are contradictions depending on which one you chose. WSDM will choose one suitable for manageability.
- Q [later]: Is WSDM doing management or manageability? A: mostly manageability.

3 Collaboration with OGSA's

- Fred gives background information.

- OGSA has "Program Execution" (PE) focus sessions targeting DRM (Distributed Resource Management, i.e., the management of jobs and the resources they use).
- In the latest PE teleconference, there were many questions on the scope and work of CMM-WG (final version of minutes not yet available).

- David: this is an area in which we will need to work harder. Some of the energy to form CMM came from the PE-related people, but they are now on GRAAP, WS-agreement, JSDL, etc. The PE people know GRAAP and JSDL, but are asking what is going on CMM. What is the gap?
- Ravi: GRAAP and JSDL are not into manageability of resources (related to a certain degree though). Manageability is independent of being able to execute a job or not. (JSDL tells what it looks like, but it does not say how to manage it once it is running). Need framework on how to tie all them.
- David asks if the PE session participants see job management extending to resource management in general, and Ravi confirms that this is not the case.
- Ravi: CMM as similar to OGSI, what basic capabilities a resource must provide. Then there are more specific functionalities that the resource provides. Who is doing the latter? Fred mentions CGS-WG work, Dave mentions WS-agreement.
- Jem points out the distinction between manageability and management. (There was some mix-up on the discussion above, however everybody agrees on the meaning of both).
- Some discussion on resource registries.
  - Hiro: is a manager a registry? Ravi: no; there is a registry, which could be a separate thing, but there is a lot more than that in a manager.
  - David mentions WSMF. Hiro: is there a registry in WSMF? Fred: not an explicit one. Jem mentions relationships, Latha mentions collections, as related functionality which is present in WSMF.
  - David mentions service groups (as related functionality). Ravi: it's a mechanism, but not a registry.

4 Gap Analysis

- Fred changes the discussion to the gap analysis. Fred: from the discussion [above], it is clear that we need to organize the concepts, framework, etc. for management on Grids as a whole. (1) [below] is a good way to do it.
- Proposals: start by finding the scope, through the tasks below.
  (1) Answer the question "what is management" and "what is resource management" for Grids, a homework that we got from the OGSA-WG long ago. Without this answer, we can't answer anything else.

(2) Review the OGSA document to select and prioritize among the OGSA and platform services.

- Assigned homework:
  – Fred volunteers for first version of (1), to be continued by Fred and Ravi.
  – Jem accepts to produce a first version of (2) to start the discussion.

5   Discussion on the GGF9 homeworks

- Discussion if the GGF9 homework (below) is still needed, and if so what we should do about it.
  - (1) Relationships   (David Snelling)
    - (a) abstraction layer
    - (b) base relationship types insufficient
  - (2) Is state diagram sufficient for Grids?   (Ellen Stokes)
    - (c) extensibility
  - (3) Tying resource policy to attributes/operations   (Sastry Malladi)
  - (4) Identity of resources   (Sastry Malladi)
- In the mailing list, Sastry clarifies (3) and (4), but it's not clear if there is an action for us now.
- David, on (2): WSDM haven't gone deep, no action for now, keep watching.
- David, on (1): can't drop it yet, but so far WSDM has been OK. WSDM is catching the same kind of problems we were, so the outcome should be OK.
- David suggests putting these issues into trackers on GridForge as reminders, and postpone their discussion.

6   Next teleconference

- Decided that there won't be a teleconference on November 18.
- Next teleconference on November 25, at the following times:
  – 15:00-16:30 US Pacific (GMT - 8)
  – 16:00-17:30 US Mountain (GMT - 7)
  – 17:00-18:30 US Central (GMT - 6)
  – 18:00-19:30 US Eastern (GMT - 5)
  – 23:00-00:30 GMT
  – 23:00-00:30 UK (GMT)
  – 00:00-01:30 Central Europe (GMT + 1)
  – 08:00-09:30 Japan (GMT + 9, following day)
- Call-in numbers:
  – toll-free: +1 888 709 8699

- international: +1 773 799 3951
- passcode: 94752

- In case of problems:
  - contact MCI (+1 800 857 5000)
  - conf# 8366801

- Agenda to be posted later

7 Action items

(1) Pending
   - none
(2) New
   - Fred: clarify who are the CMM-WG / GGF members on the WSDM-TC.
   - Fred: write first pass of the "what is management" text
   - Jem: write first proposal of prioritization among the OGSA and platform services
   - Fred: put issues of the GGF9 homeworks into trackers on GridForge as reminders (discuss when adequate)