

Participants as per sign-in sheet

**Andrew Grimshaw presents slides about the BES/ESI integration**

Slide contents on GridForge

Questions:

- David Snelling raised the issue to put the “idempotence” decision/issue as an issue to the issue tracker
- What does idempotence mean?
  - Andrew/Marvin: Idempotence at this level can only guarantee recovery of lost messages in that the Job Container won’t resubmit a job to the local scheduler that consists of the same job description associated with the given ID
- Discussion on the proposed resource model (i.e. adding ESI resource model to BES)
- Steve Newhouse: EPR type?
  - Andrew: An WS-Addressing EPR is returned. However, what’s behind that EPR is up to the BES container, whether it is a full fledged WSRF backed system or not
  - Jay Unger: This is a dilemma as EPRs are in fact not typed so the information of the capabilities that are associated to this EPR are opaque. [Agreement in the audience]
- Dave Snelling: The “managed job” will reflect the resources, so there are some dependencies.

Failure model is discussed

- General agreement on failures “being 9% of the code, but 99% of the headache”
- Jay Unger: This leads to the necessity of metadata attached to the Job Container exposing its capabilities
- Andrew suggests that if BES goes for nested states, then it should be a good path to create as many nested fault states as required but at the same time keep the specification document mute on those nested error states

Marvin Theimer: What is “actionable”? What is not?

- Andrew G.: This needs discussion and input is very well appreciated

## **Hiro Kishimoto speaks about a CDDL based deployment scenario in EMS**

Slides on Gridforge

Questions/Issues:

- Jay Unger: The “template” in CDL is procedural while the CDL document is declarative. The [Basic Posix] component interprets the CDL document according to the template but there still is a need for a “place” where to define execution specific information (e.g. parameters to a “copy” application)

## **Steven Newhouse speaks about “Interaction between CDDL and JSDL”**

Document on Gridforge

Questions/Issues:

- The document itself is a working document and hence does not and may not adhere to the official OGSA glossary
- What is the difference between Provisioning and Deployment? Are they even different?
- The “lazy elements” are discussed on the teleconference. Andreas Savvas to point Steven Newhouse to the appropriate telecon minutes
- The term “the CDL document” actually refers to not only one document, but the CDL document itself, and appropriate templates
- Marvin Theimer: Who keeps track of the reference counter?
  - Steve: At the moment this is stored at the Information Service. In general a good question
- Hiro Kishimoto: Are there scenarios that combine with the Data services?
  - There is no reason why there should not be any of these scenarios, but at the moment OGSA-EMS struggles to get consensus on the current simple scenarios
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