

## Notes from 11 Nov 2002 JTB Phone conference

Present: Ruth Pordes, Rob Gardner, Bob Jones, Ian Bird, Olivier Martin, Larry Price, Doug Olson, Zdenek Sekera

### 1) Discussion on middleware support

- GLUE schema minor changes can be added into VDT independently of Globus.
- Miron is negotiating with Globus regarding support for VDT - situation not yet clear.
- US grid projects - Globus support via the Condor team, for LHC needs LCG to make a statement about support (should come when LCG-1 middleware selection reports in December) - need to have a consistent statement that we require middleware support via VDT. Once this is agreed then we need a discussion on sharing of responsibilities.
- Testing scripts are deliverables from VDT/NMI - the Globus GLUE test bundle is in VDT (and NMI).

### 2) Ruth reported on status and progress with GLUE - see her attached email

- US grid projects strongly considering VoMS and LCAS for authorization - discussion at CERN (?) on 12/13 Dec.
- GLUE schema not in current EDG release, but will be in TB2.
- Data movement in WorldGrid - required deploying enough of EDG at US sites to use gridftp; EU sites using GDMP, US sites do not.
- Note: for US “middleware” means something different than in EU - includes more experiment-specific things.
- Need a focus meeting between LCG and PPDG to discuss with the US physics middleware projects to understand where the line is between middleware and experiment specific software.

### 3) Proposed certification and testing sub-project

- General agreement that the project should include testing at all levels - including the application use-cases (HEPCAL). Parts of test needs exist as part of VDT. Note again that middleware in EDG is not the same as for VDT. The derivation of high-level test cases needs to involve the experiments.
- Zdenek Sekera will organise a phone conf after SC2002 to discuss the above.
- Agreed that IGB + ZS will draft an outline proposal, initial participants will be Rob, Ruth, Alain Roy:
  - Include range of tests from unit tests through high-level HEPCAL-like tests
  - Where should these tests be aggregated/maintained - some are already in VDT
  - Should include experiment benchmarks
  - Who is responsible for testing common application deliverables (e.g. POOL)?

### 4) Discussion on packaging

- It was not clear what is required - although high level goal is fairly clear.
- We agreed that we need a set of use-cases and goals before we can define this activity as a project. Issues:
  - Post-install config

- Config vs. deployment
- Experiment software vs. LCG middleware (I.e. is deployment mechanism the same?) - software publishing
- How should installed middleware report to info providers to determine if config is OK
- People: Saul, Alain, (Rob), Ian/Zdenek. (GPT?)

Comment from Ruth about ensuring GLUE effort has broad enough scope to include other HENP experiment grid efforts (Babar, D0, CDF SAM-Grid etc.) - more integrated GLUE effort from next year.

Next meeting: December 2, 7am PST, 9am CST, 4pm CERN/INFN

IGB