NA4 Medical Imaging

CERN, November 29, 2006

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www.eu-egee.org

Information Society
and Media

10:00 Status (J. Montagnat)

10:15 Application portals (H. Benoit-Cattin)

10:45 Web interface to medical image repository (A. Fessy)

11:00 Discussion on web portals

12:30 Lunch

14:00 gLite Data Management (A. Frohner)

14:45 gLite Workload Management System (E. Molinari)

15:30 AoB, conclusions

16:00 End of meeting

eGee

- **MNA4.1 (PM5) HEP and Earth Sciences demonstrations**
  - **Completed** (EGEE'06)

- **MNA4.2 (PM10 – Jan. 2006) Biomedical and astrophysics demonstrations**
  - **Coming soon** – first call for candidates

- **MNA4.3 (PM7, PM20) User survey**
  - First survey **submitted** (NA4 SC)

- **MNA4.4 (PM12, PM23) User Forum**
  - User Forum II: may 2007, in conjunction with OGF in Manchester

- **MNA4.5 (PM18) Fusion and computational chemistery demonstrations**

- **DNA4.1 (PM3): application deployment plan**

  - **completed**

- **DNA4.2.1 (PM11 – Feb. 2006): First summary and evaluation of application usage of EGEE-II services**

  - **Coming soon**

- **DNA4.2.2 (PM22): Second summary and evaluation of application usage of EGEE-II services**

Enabling Grids for E-sciencE

- **Template distributed on Nov. 21st, returned on the 24th, submitted on the 27th...**

- **Overall satisfaction with EGEE support mechanisms?**
  - GGUS: OK for daily/local problems; difficulties to follow on longer term issues (coordination with TCG, OAG...)
  - Service deployment: difficult to get SA1 support
  - Service development: satisfying

- **Infrastructure**
  - Using production infrastructure
  - High availability of resources
  - Stability issues reported (application-level recovery procedures needed for large scale computations)
  - Very long to get VO service deployed

Enabling Grids for E-sciencE

- **Middleware**

  – Most used services: WMS (RB, no direct access to CEs) and DMS (File catalog, no direct access to Ses)

  – Functionality: WMS not taking into account well enough processing of short jobs; DMS limited for sensitive data management

  – Stability: WMS stability has improved but still regular job faults; GFAL-based DMS rather satisfying now

  – Performance: overall performance satisfactory except for short jobs

  – Non EGEE services: AMGA, MOTEUR, Taverna, PGRADE or application specific portals, MDM, Parrot, EncFile, Perroquet

- **Main biomed requirement: secured DMS**

- **Little voice inside TCG**

- **Very little resources/time to do anything with the prioritized list of requirements**

- **Request for supporting FiReMAN/Hydra services reasonably (i.e. non development prototype) forwarded to the OAG**

Enabling Grids for E-sciencE

- **In conjunction with OGF, May 2007**

  – Mon. 7 - Wed. 9: OGF

  – Wed. 9 - Fri. 11: EGEE User Forum II

- **One common day**

  – Tracks on standard, business and applications

- **Two UF specific days**

  – Parallel thematic sessions

  – Demo and posters

  – Rapporteur talks

- **Call for abstracts coming very soon**

  – You are encouraged to participate!

EGEE III

Enabling Grids for E-sciencE

- **Goals**
  - Support
  - Community building
  - Advanced application services

- **Support**
  - VO support – setting up VOs
  - Application porting – technical support in coordination with mdw
  - Direct user support – GGUS-like, with more operation support

- **Community building**
  - Communities as self-reliant as possible

- **Advanced application services**
  - Development teams coming from identified scientific disciplines

- **Coordination**
  - NA4 steering committee
  - Co-located teams as much as possible
  - Regional coordinators (liaison with NA4 SC, reporting)

- **Interactions with other activities**
  - Operation (SA1): through VO support team
  - Integration and testing (SA3): through development teams
  - Testing infrastructure: through VO support team
  - Dissemination (NA2)
  - Training (NA3)

- **No more VO-level statistics collection by JRA2**

- **Applications**

  – Production: GATE, SiMRI3D, CDSS, pharmacokinetics, gPTM3D, Bronze Standard

  – Porting: SPM for Alzheimer's, SEE++, Freesurfer for brain imaging

  – Planed: PET simulation, cardiovascular imaging

- **Services**

  – MDM: deployment slowed down by lack of gLite services deployment

  – MOTEUR workflow manager: working on different types support

  – P-GRADE: v3 status?

  – SDJ? Web interface for medimg repository? gPTM3D file catalog?

eGee

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