

EGEE-III – EGI transition meeting Life Sciences HUC

Johan Montagnat

Amsterdam NL, March 1st 2009

- **TSA3.2 Shared services and tools**
 - TSA3.2.1 Dashboards (1 py)
 - TSA3.2.3 Services
 - Hydra and GRelC (1.5 py)
 - TSA3.2.4 Workflows
 - SOMA2, Taverna (1.5 py)
- **TSA3.4 Services for Life Sciences**
 - Medical Data Manager (2.25 py)
 - EBI database resources (2.25 py)
 - WISDOM pilot jobs environment (2.25 py)

- **TSA3.2.1 Dashboard for monitoring**
 - Enable a new VO in the Dashboard to identify non-trivial sources of failure in large campaigns
 - SAMBox tests results reporting
- **TSA3.2.3 Hydra encryption/decryption framework**
 - Maintenance, testing and operations
 - Functionality testing (regression tests)
 - Interface with the MDM client
 - Provision of key store services
- **TSA3.2.3 GReIC legacy DB (relational and non-relational) access and integration**
 - Provide a management and monitoring framework in GReIC portal
 - Ease the integration of new DB sources

- **TSA3.2.4 SOMA2 workflow environment (drug design)**
 - Authentication and user management system
 - Grid interface
- **TSA3.2.4 Taverna workflow manager (bioinformatics)**
 - Interoperability with grid security models (gLite / ARC, UNICORE)
- **MOTEUR workflow manager (unfunded)**
 - Continued support and improvement
 - Complex data flows description language
 - Integration of fault tolerance and optimization strategies

- **TSA3.4 MDM DICOM server interface**
 - Software adaptation to middleware evolutions
 - Packaging and installation tool for future middleware release
 - Users support
 - Data model improvement for new use cases
- **TSA3.4 EBI core data resources**
 - Distribution and updates of the core databases on SEs
 - Improve WS-based query interface to the databases
- **TSA3.4 WISDOM pilot jobs environment**
 - Improve generality of the WISDOM production environment
 - Create a WS interface and portal for the community
 - Deploy a community WISDOM server

- **In the current situation, it will **not** be possible to maintain the current LS activity level in EGI**
 - Rejection of the ROSCOE project causes uncertainties on the management of the core VO services
 - HealthGrid association (currently providing support for VO management) in a difficult situation due to EU projects rejections
 - Generally difficult to maintain the skilled staff
- **Clues for the future**
 - Need to get a global view of ESFRI projects funded in the life sciences domain (bioinformatics, VPH...)
 - Discussions started with the French NGI (strong LS supporter in EGEE)
 - Further calls to be investigated

- In the current situation it is **very easy to slip** towards fragmentation of “biomed” VO (regional VOs, national activities, cluster-centric activity). Maintaining a **grid/VO added value** to attract the community means:
 - **Operate core VO activity**
 - VOMS server, mailing list and wiki
 - monitor cluster activity, accounting
 - new comers request analysis
 - **Maintain expert users group**
 - support staff working out problems reported by the VO members
 - provide expertize / experience feedback for applications porting and problem solving
 - propose VO SAMBox tests, implement them, and exploit results

- **Coordination**
 - Have an identified body which can interact with new comers (users / projects)
 - VO-specific services maintenance and development
 - Identify priorities, mutualize resources and development
 - Receive feedback from grid users
- **Dissemination**
 - VO-specific training
 - General dissemination and attracting new users