



Enabling Grids for E-scienceE

All activity meeting

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On behalf of NA4

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Information Society
and Media



- **Plans for deliverables**
- **Response to reviewer recommendations**
- **Presentation of user forum (M. Lamanna)**
- **Issues until the end of the project**

- **DNA4.4: « Final Report of Application Identification and Support Activity with revision of EGEE Application Migration Progress report” at PM23**
- **MNA4.4: “Second external review of Applications Identification and Support with feedback” at PM24**
 - Analysis of the second user survey

- “For each application, produce a matrix of requirements versus the gLite components that will fulfill these requirements. Use a color coding scheme to identify priorities and importance. “
- **Response**
 - Massimo has already input from the 4 experiments (Baseline working group)
 - Johan is collecting input from NA4 biomed
 - Matrix presented to generic applications at user forum

	VOMS	RGMA	BdII	WMS	DMS	LB	CE	Accounting	SRM	FTS	GLiteIO	GFAL	Fireman	LFC	Hydra	AMGA	Others
Services usage	DU		U	DU	DU	U	U		U		PU		PU		PU	PU	
Requirements																	
100564 jobs <u>coallocation</u>				NS*													
100560 files listing					NS						S		S				
100521 <u>ACLs on files + metadata</u>											S		S			PS	
100520 <u>metadata access control</u>											S		S			S	
100518 <u>metadata</u>											S		S			S	
100513 POSIX-like grid file API											S						
100512 grid data removal					S												

- **“Create an inventory of all application users. For each user, compile a list of all the applications she is using, together with the relative importance of each application to the user and application characteristics (for instance, compute bound, I/O bound, etc.). Establish a process to keep this inventory up to date.”**
- **Response**
 - Use the abstracts sent in perspective of the user forum to create an inventory of the applications
 - Use the user survey to start a list of users: questions added in this perspective
- **Issues**
 - the real number of active users for each application
 - applications which are services to large communities are not yet useful and used services
 - Lack of packaging
 - Lack of functionalities (i.e short jobs)

- **Needed for milestone MNA4.4**
- **Target: non HEP users**
- **Goals**
 - review the satisfaction of the users
 - Start an inventory of users
- **Format: survey available on line but also on paper during User Forum**
 - User forum is a great opportunity to survey the user community
- **Status: new forms are circulated within NA4. Soon to PEB**

- **Very good activity of Gen. Apps. in the last quarter of 2005**
- **Number of users increased in all VO's:**
 - DILIGENT O(10)
 - COMPCHEM 9
 - ESR 35
 - EGEODE 10
 - PLANCK 30
 - NEMO&ANTARES 4
 - LATTICE QCD 3
 - Archaeogrid 2
- **Important NA4 Generic Applications meeting in Catania on Jan, 9-11. More than 50 participants. All presentations available at: <http://agenda.cern.ch/fullAgenda.php?ida=a058080>**
- **Many excellent summary reports and various presentations on the new functionalities of gLite with use cases and real work demonstrations**
- **Important developments from Gen.Apps. communities: GDSE**

- **Applications**

- **Sustained production** in 2005 (~20Kjobs / month)
- **gLite migration** on-going
- **gLite testing** proved to be difficult due to PPS instabilities
- 4 biomed **demonstrations** in Pisa
- The biomed Data Challenge was followed by a **WISDOM open day** in December targeted towards results dissemination and exploitation
- A **second DC** is being envisaged
- Various application **portals** have been deployed. High level user interfaces are increasingly needed.

- **Services**

- The Medical Data Management working group is progressing on delivering a high level **medical data management service**
- **Transparent grid file access** and **encryption/decryption tool** have been developed at IBCP and deployed on LCG2.

- **Worries**

- The deployment of **high level services** is critical for some applications (in particular Data Management and Data Security).
- The **TCG** is an important decision taking body which is **too keen on neglecting non-HEP applications**.