



Enabling Grids for E-science

JRA1 status

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Milestones and deliverables

PM	ID	Title	Lead Partner	Status
1	MJRA1.1.1	Support plan, definition of common components and tools, strategy for multiple platform support	INFN	PEB approved
3	MJRA1.2	Functional Description of Grid Components	INFN	PEB approved
4	MJRA1.3	Grid Components Reengineering Workplan	INFN	PEB approved
6	MJRA1.4	Shibboleth interoperability through dedicated SICS	SWITCH	PEB approved
9	MJRA1.5	Shibboleth interoperability with attribute retrieval through VOMS	SWITCH	PEB approved
10	DJRA1.1	Report on Middleware Service Reengineering	INFN	PEB approved
11	MJRA1.6	Update of Functional Description of Grid Components and associated Workplan	INFN	PEB approved
14	MJRA1.1.2	Update of Support plan, definition of common components and tools, strategy for multiple platform support	INFN	PEB approved
21 ↓ 22	MJRA1.7 MJRA1.7	Shibboleth interoperability with SAML support ↓ Authorization mechanisms in gLite	SWITCH	Awaiting PEB approval
23	DJRA1.2	Final report on progress of middleware reengineering	INFN	In preparation

- <https://edms.cern.ch/document/888165/1>
- Description of the activities done for each component
- Dedicated sections on the gLite restructuring and the study on the AuthZ framework
- One of the reviewers' recommendation was to add a "Lessons Learned" chapter. Currently the following items are mentioned:
 - Code maintainability → gLite restructuring
 - Need stability in the build system → stay with ETICS
 - Limited outcome from the preview testbed → cannot rely on best-effort
 - Need testing at the production scale → experimental services
- **Comments by the end of this week, please!**

service	SL4/SLC4/i386	SL4/SLC4/x86_64	Debian4/i386	Comments
glite-CREAM	Build	Build	n/a	
glite-LB	Certification	Build	n/a	WMS/LB is being installed as an 'experimental service'
glite-MON	Certification	Build	n/a	
glite-SE_classic	Certification	Build	n/a	
glite-WMS	Certification	Build	n/a	WMS/LB is being installed as an 'experimental service'
glite-FTA_oracle	Integration	Build	n/a	
glite-FTS_oracle	Integration	Integration	n/a	
glite-SE_dpm_oracle	Integration	Integration	n/a	
glite-WN	Released	Certification	Build	
glite-UI	Released	Build	Build	
glite-AMGA_postgres	Released	Integration	n/a	
glite-BDII	Released	Configuration	n/a	
lcg-CE	Released	Build	n/a	
glite-FTM	Released	Integration	n/a	
glite-LFC_mysql	Released	Certification	n/a	
glite-LFC_oracle	Released	Certification	n/a	
glite-PX	Released	Integration	n/a	
glite-SE_dcache_*	Released	Integration	n/a	
glite-SE_dpm_disk	Released	Certification	n/a	
glite-SE_dpm_mysql	Released	Certification	n/a	
glite-TORQUE_utils	Released	Build	n/a	
glite-TORQUE_client	Released	Build	n/a	
glite-TORQUE_server	Released	Build	n/a	
glite-VOMS_oracle	Released	Integration	n/a	
glite-VOMS_mysql	Released	Integration	n/a	
glite-VOBOX	Released	Integration	n/a	

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- **We still have to release a few components on SL4. In some cases they include improvements needed by the applications (e.g. MPI support in WMS)**
- **We need to demonstrate that the changes in the code done during the gLite restructuring really made the code more portable**
- **The adoption of the new logging format and the implementation of the changes needed by site managers are proceeding too slowly**
- **VOMS stability is perceived as insufficient by operators**
- **The releases of SCAS and CREAM have been delayed and the introduction in production will conflict with the need of stability for the LHC operations**
- **Similar situation for the deployment Job Provenance (JPPS)**
- **The implementation of the Encrypted Data Storage proceeded too slowly**
- **The implementation of the new AuthZ framework will have to assume limited manpower given the JRA1 size in EGEE-III. The design will need to be downsized.**

- **Deliver DJRA1.2**
- **Complete the release of all components on SL4 32-bit and of critical node types (UI, WN, DPM, LFC) on 64-bit. Start the porting to Debian**
- **Adopt the new logging format everywhere. Pay attention to security requirements (i.e. tracking user actions)**
- **Implement the changes identified during the gLite restructuring that could not be implemented and released until now**
- **Support to CCRC'08 and the LHC start-up**
 - Prompt bug fixing and support
- **Release SCAS, CREAM, the Encrypted Data Storage and the new R-GMA**
- **Finalize the design and start the implementation of the Authorization Framework**
 - Not only implementation of the AuthZ Service but also changes in other components as needed

- **Francesco Giacomini has been approved by the PMB as new JRA1 Activity leader in EGEE-III**
- **Tomorrow there will be a dedicated session where you can set up the activities for the first months of EGEE-III**
 - The next JRA1 AH will probably be well within the new project!

Thank you all for the years we have been working together!

...but we still have two months to go: you haven't got rid of me yet ;-)