

Barents Sea

European Middleware Initiative (EMI) Update 12/10/2009

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Outline

- Updates after EGEE 09
- CERN roles and tasks
- Open Issues





Updates after EGEE 09

- University of Manchester (Gridsite) has decided not to join
- Added GRNET and TCD as new partners, bringing the total count at 22
- The second round of proposal drafting has started, next revision available on Fri 16/10





Updates after EGEE 09

- Following EGI decision to extend duration to 4 years, EMI considering similar extension beyond 3 years
- Probably 6 or 12 months extension only focused on maintenance and mostly with matching founding to avoid changing current budget and effort estimates (~90 FTEs cofunded)





Updates after EGEE 09

- Next major events:
 - EMI Core meeting (technical) on 19/10 in Juelich
 - EMI Collaboration Board (administrative) on 20/10 in Juelich
 - All critical outstanding issues must be solved during this meeting in order to proceed with a successful proposal





CERN Roles and Tasks

- Project Director
- One WP leader (SA2 Quality Assurance?)
- One coordinator of a major technical area (Data Management?)
- Development on Data Management (FTS, DPM/LFC and related components), Information Systems (BDII, Messaging), configuration (YAIM)
- Software Engineering support (Quality Assurance, ETICS)
- Estimated CERN effort: 12-14 FTEs cofunded





Open issues (General)

- Project objectives not yet completely shared by all partners
 - gLite and UNICORE partners more focused on maintenance of production components, standardization, operational aspects of the middleware and exploration of new computing models (clouds)
 - ARC partners more focused on standardization, development and evolution of components independently of actual production status, operational aspects considered out of scope





Open issues (CERN)

- Status and future of Data Management not clear
- Expertise may not be available anymore by the time EMI starts
- Need to discuss details of effort and in particular matching effort with potential names
- Need to understand the requirements of WLCG and the experiments and make sure EMI supports them
 - How?
 - When?





Day-0 Distribution

Grid Manager A-REX libarclient ng* job CLI arc* job CLI IURA TSI **XNJS UAS-Compute OGSA-BES** URC UCC **HILA WMS** LB **CRFAM MPI** Job

Management

Classic SE libarcdata2 ng* data CLI arc*data CLI Chelonia **dCache StoRM UAS-Data** DPM lcg utils **DPM/DICOM** LFC **FTS Hydra AMGA**

Data

Management

Classic Infoserver **Classic Infoindex** ALIS ISIS libarcclient (infosys) **Grid Monitor** CIS **Service Registry BDII** Icg-info and Icginfosites **Service Discovery API CEMon** Messaging **APEL**

Information Services

HED security API arcproxy Charon Gateway **XUUDB XACML Entity** UVOS **VOMS/VOMS-Admin** voms-proxy-* ARGUS **SLCS** SCAS/LCAS/LCMAPS gLite-Exec (glExec) gLite-Delegation Client Shibboleth SLCS Client Gridsite **CGSI** gSoap delegation-Java **Trustmanager/Util-**Java **Proxyrenewal**

Security