



Enabling Grids for E-sciencE

Application Porting Support

Gergely Sipos, MTA SZTAKI NA4 All-hands meeting, Paris, 09-10/June/2008.

<u>www.lpds.sztaki.hu/gasuc</u>
Also linked to NA4 webpage (→ Support → Application porting)

http://indico.cern.ch/conferenceTimeTable.py?confld=32345

www.eu-egee.org







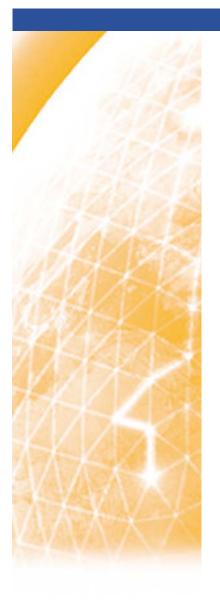
Activity workplan

Connections

- Support for collaborating projects
- Links to other WPs

Application status reports

- Isabel Campos
- Giuseppe La Rocca
- Eduardo Huedo Cuesta
- Gergely Sipos





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Activity workplan

www.eu-egee.org









- Subtasks and Timeschedule
- People involved
- Milestones
- Metrics to monitor the progress of the task
- Tools to facilitate the teams work





 "...key aspects of general user and virtual organization support..," and "...building of new and existing user communities,,,"

NA4 goals from proposal

- Broadening the usage of EGEE
 - With new application domains
 - With new applications from established domains
- Lowering entry barrier for grid newcomers
 - Use cases, technical analysis, examples
- Representing gLite users at various internal and external forums
- Contributing to the good PR of the project and the infrastructure



Members, PMs, contact persons

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- MTA SZTAKI (Hungary) 126 PM
 - Gergely Sipos (<u>sipos @sztaki.hu</u>)
- UCM (Spain) 48 PM
 - Eduardo Huedo Cuesta (<u>ehuedo @fdi.ucm.es</u>)
- INFN (Italy) 36 PM
 - Giuseppe La Rocca (giuseppe.larocca @ct.infn.it)
- CSIC (Spain) 10 PM
 - Isabel Campos (<u>iscampos @ifca.unican.es</u>)
- CEA (France) 11 PM
 - Frederic Schaer (<u>schaer@cea.fr</u>)
- ASGC (Taiwan) 24 PM
 - Simon Lin (simon.lin@cern.ch)
- UNIMELB (Australia) 6 PM
 - Glenn Moloney (<u>glenn@physics.unimelb.edu.au</u>)
- Total 261 PM



Setting up working environment and defining policies Enabling Grids for E-sciencE

- Infrastructure for porting:
 - na4.vo.eu-egee.org
 - Who will provide resources?
- Services for collaboration
 - document server, email list
 - Webpage or WIKI list of applications?
- Documents, forms
 - Application identification and description form: http://www.lpds.sztaki.hu/gasuc/?m=4 to fill out by client
 - Porting guide document template to fill out by porting center
 - Porting support evaluation form to fill out by client after the porting
 - Request form to get financial support to visit a porting centre
 - Template for internal reporting (progress, metrics, problems)
- **Subtask duration: M1-M3**
- **Total effort: 5PM**
 - SZTAKI 4PM
 - Other partners 0.2 0.2 PM
- **Metrics: -**
- **Milestones**
 - Established procedures
 - Webpage structure finalised
 - Working NA4 VO?

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Subtask 2:

Porting support

- Accepting applications, Technical analysis, Writing technical recommendation,
- (Participating in porting)
- Follow-up: porting support evaluation form
- Specialised knowledge:

We should build up knowledge base; We should know and publish the competence of each centre

- GridWay: UCM
- P-GRADE Portal: SZTAKI
- I2login: UCM
- GReIC: ?
- MPI: UCM
- SDJ: ?
- Life sciences tools, CompChem tools, . . .
- Metrics:
 - Number of ported applications (per porting centre)
 - Number of publications written from result generated by ported application (scientific significance)
 - Number of ported / number of rejected applications + reason of rejection
 - Man days (weeks?) spent with porting (by porting centre and by client)
 - Client satisfaction
- Duration: M1-M24
- Total effort: ~75% of total effort but INFN, CEA, ASGC, UNIMELB are not known yet
- Milestones:
 - DNA4.4 1-2 M11, M23 Usage of Support and Infrastructure

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Subtask 3:



Training and self-training

- Learning new things to stay aware of
 - Latest features of gLite
 - Latest features of RESPECT tools
 - New RESPECT tools
 - Domain-specific tools (e.g. MDM in life sciences)
- Writing porting case studies
 - To publish on application porting webpage
 - To give to NA3 for training purposes
 - To enable NA3 reuse applications for training purposes
- Provide customized porting training for clients
- Metrics: ?
 - Joint events with NA3
 - Porting case studies in Digital Library
- Duration: M1-M24
- Total effort: currently ~8% of total effort (~20PM)
- Milestones: ?



Subtask 4:

Dissemination and PR

- Presence at EGEE-related events
 - Demo booth at EGEE08
- Dissemination material about the activity
 - Distribution through NA2 where possible
- Reaching out to other projects
 - (Actual porting is subtask 2!)
- Development of content for application porting group webpage
- Metrics: ?
 - Presence at X EGEE events and Y non-EGEE events
- Duration: M1-M24
- Total effort: currently 8PM
 - INFN, CEA, AS, MELB are missing
- Milestones: ?

Subtask 5:



Activity management

- Activity coordination
- Representing Application porting at NA4 SC
- Reporting, planning
- Monitoring NA4 VO ?
- Communication with other EGEE activities
 - JRA1 / TCG
 - NA3: Training request
 - GGUS: Typical errors, known bugs
 - **?**
- Metrics: -
- Duration: M1-M24
- Total effort: 9PM (SZTAKI)
- Milestones: -



Other topics to discuss

- Transition to EGI
 - Views
 - Subtask? / Actions?
- Application description template <u>http://www.lpds.sztaki.hu/gasuc/index.php?m=4</u>
 - Do we ask enough questions?
 - Do we ask the right questions?
- Webpage
 - Way to present content?
 - Profiles of porting centers
 - Way to present ported applications
 - Way to present current applications
 - Case studies (EGEE UIG < porting case study < ported application)
- Which subtask deals with organizing/attending porting events
 - E.g. Porting support session at EGEE08

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