

Grid Computing Course

Summary of day 2

Porto, 22-24 January 2007.

What you learnt about Grid Portals

- Grid portals are Web based interfaces and working environments for Grid users
 - Provide scientists with a way to access tools (services) hosted on a Grid
 - Make scientific resources available to a community
 - Data, knowledge bases, directories, storages, computers, applications,...
 - Provide users a way to organize their personal Grid space
 - **Shield user community from Grid middleware details**

What you learnt about P-GRADE Portal

- General purpose, workflow-oriented Grid portal.
- Supports the development and execution of workflow-based Grid computing applications
- Interface to access middleware services
 - Resource monitoring
 - Job submission facility
 - File staging facility
- Additional tools and services
 - Workflow concept and support
 - Application monitoring
- **Parallel Grid Run-time and Application Development Environment**
- www.portal.pgrade.hu

What you learnt about GEMMLCA

- A WSRF GT4 service
- Can be used to publish applications as GSI enabled GT4 services
- Can be invoked from
 - Command line client
 - GEMMLCA specific P-GRADE Portal
 - Share your jobs with other users
 - Include other users' applications in your workflow
- **Grid Execution Management Legacy Code Architecture**
- www.cpc.wmin.ac.uk/gemmlca

How to continue with the P-GRADE Portal?

- Join the GILDA VO: <https://gilda.ct.infn.it>
 - Used for grid training events
 - By self-guided learners
 - By application developers to take the first steps
- GILDA operates gLite v3 middleware
- Certificates issued by the GILDA CA are
 - Valid for two weeks
 - Renewable
- P-GRADE Portal connected to GILDA:
- <portal.p-grade.hu/gilda>

More information on EGEE

- Project webpage:

www.eu-egee.org

- Education, training courses, training materials, future training events:

<http://www.egee.nesc.ac.uk>

- Application domains and VOs:

<http://egeena4.lal.in2p3.fr>

Getting support for application development

- SZTAKI and Westminster University operate as *Grid Application Support Centers*
- Locations: Budapest and London
- Service is free for academic people, charged for industry
 - Application gridification
 - Application parallelization
 - Technology and Grid access support
- More information
 - Prof. Peter Kacsuk: kacsuk@sztaki.hu
 - www.lpds.sztaki.hu