

Exploitation path of Interactive European Grid on User Communities

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The Interactive European Grid project (int.eu.grid) aims to deploy and operate a production quality Grid infrastructure oriented to service research communities with specific needs regarding parallel MPI support and interactive access to grid resources. Over the past user forums (Geneva 2006, Manchester 2007) it has been observed that there is a clear need and interest in the scientific community for the services being developed by int.eu.grid on top of gLite as well as for an infrastructure that deploys these services for the user communities.

3. Impact

The sustainability of grid infrastructures beyond the project lifetime relies on the capacity to provide a service with quality standards. In this context it is important to understand what are possibilities at the Service Level Agreement for users and resources to cluster in a usable grid infrastructure.

4. Conclusions / Future plans

The development of a grid infrastructure targeting advanced services such as parallelism and interactivity has prove to be attractive for user communities. The experience gathered by the inteugrid consortium needs now to be consolidated in a well defined exploitation path.

Provide a set of generic keywords that define your contribution (e.g. Data Management, Workflows, High Energy Physics)

Exploitation of Grid Infrastructures, Service Level Agreements

1. Short overview

We will summarize the main achievements of the project Interactive European Grid from the point of view of middleware oriented to advanced application support.

We will also address the exploitation path of the project in what concerns support to user communities and middleware repositories perspective in the context of RESPECT. We will discuss several models of Service Level Agreements (SLAs) oriented to serve research centers and SMEs interested in using grid infrastructures

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