South Eastern European GRid-enabled eInfrastructure Development 2

SEE-GRID-2 Newsletter

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SEE-GRID-2 Organizes Regional Projects Concertation Workshop

SEE-GRID-2 project, in cooperation with EGEE, organised a concertation workshop for the regional eInfrastructure projects on 28th September 06, during the EGEE06 conference. Key members of the regional initiatives covering Europe, The Mediterranean basin, South America, Baltic, China and India were present. Experiences were exchanged regarding a range of horizontal topics, including infrastructure operations, applications, training, as well as sustainability. Number of panels and presentations addressed the above issues, resulting with a set of recommendations for best practices and cooperation.

Montenegrin NGI kicks off on 1st November in Podgorica

SEE-GRID-2 project supported the launch of the Montenegrin National Grid Initiative following the independence that the country gained this spring. Senior members of the SEE-GRID-2 project supported their Montenegrin colleagues from the research community who joined their forces to form the NGI, under the official auspices of the Montenegrin government. The event was followed by a gLite training for Grid administrators.

More information:

http://www.mren.cg.ac.yu/mgi.php

SEE-GRID-2 File Management Java API available

The SEE-GRID File Management Java API has been developed and is available since September 2006 to SEE-GRID-2 and EGEE application developers. The API supports most of the data management operations offered by LFC and LCG UTILS C/C++ APIs and it is compatible with LCG 2.7.x and gLite grid middleware. For more information and how to use the API you can visit http://wiki.egee-see.org/index.php/SEE-GRID_File_Management_Java_API

32 applications identified from different scientific disciplines—9 are already in development

SEE-GRID-2 project identified 32 different applications that would benefit from using the SEE-GRID-2 infrastructure. Applications come from a diverse range of scientific fields such as Ecology and health sciences, Knowledge repositories, Data base and data mining, Physics, Electrical Engineering, Computer Science and more. Currently 9 of those applications selected from different SEE-GRID-2 countries are under development and supported by the SEE-GRID infrastructure.

Inside this issue:

Infrastructure has grown

The whole SEE-GRID-2 infrastructure has reached more than 30 sites and around 750 CPUs. The infrastructure is used by the mature SEE-GRID-1 applications and by the SEE-GRID-2 applications under development.

New Wiki contains extensive information for users, application developers and site admins

The new re-organised SEEGRID-2 Wiki has been released (http://wiki.egee-see.org/index.php/SEE-GRID_Wiki). Information is structured in 7 main categories and contains detailed information for the SEE-GRID infrastructure, details for Site administrators, users and application developers, infrastructure and application related policies as well all the relevant contact information for anybody that is interested in the technical work of the project.

SEE-GRID-2 supporting emerging National and Regional Grid Initiatives

SEEGRID senior project members have delivered a number of key plenary speeches at diverse regional and national Grid events. SEEGRID approach to development of regional Grids was presented at the annual conferences of the related regional projects EUMEDGRID (empowering eScience across the Mediterranean) and EELA (E-infrastructure shared between Europe and Latin America), during September 2006, in Rome and Santiago de Chile respectively. During October 2006, SEE-GRID contributed to the "ICFA Workshop on HEP Networking, Grid and Digital Divide Issues for Global e-Sciences" in Krakow as well as at the "International Workshop on Grid Activities within Large Scale International Collaborations" at Sinaia, Romania, where also the crucial aspects of the National Grid Initiative setup and activities were discussed with the wider Romanian Grid community and Ministry of Education representatives.

Interoperation of SEE-GRID-2, OSG and TeraGrid infrastructures via P -GRADE portal demonstrated in SC'06

SEE-GRID-2 P-GRADE Grid portal - the first Grid portal that provides Grid interoperability between GT2, GT4 and other major Grids - was used to demonstrate interoperability of the SEE-GRID-2 and the US Grid infrastrucstructures (OSG and Teragrid). Interoperation of the above grids was demonstrated by MTA SZTAKI in the booth of the Hungarian Grid.

More information on the P-GRADE portal:

https://n45.hpcc.sztaki.hu:8443/gridspheregridsphere

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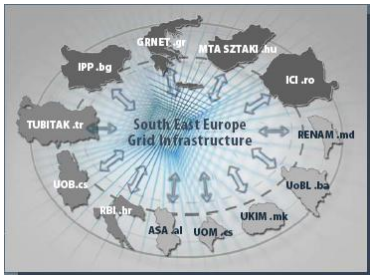

About SEE-GRID-2

Establishment of collaborative models for use of computing and data resources across various domains all over Europe and worldwide is currently being pursued through several eInfrastructure efforts. The SEE-GRID regional initiative has recently demonstrated that a geographically-independent common pool of computing resources can be of substantial scientific value to a less-resourced region like South-East Europe (SEE). Through the creation of the SEE regional infrastructure and its interconnection to the pan-European and worldwide eInfrastructures, the developing SEE countries can benefit from sharing computing power and advanced applications that would otherwise be unavailable on the local scale, and thus help fulfil the fundamental objective of minimizing the digital divide in the SEE region and ensuring equal opportunities for every citizen.

SEE-GRID-2 aims to further advance and integrate the existing SEE Grid infrastructure and services, proliferate the regional applications, capitalize on the existing SEE-GRID human network to further strengthen scientific collaboration and cooperation among participating SEE communities, and ultimately achieve sustainability for regional and national eInfrastructures that will endure beyond the project's lifetime.

The project aims to help the development of an eInfrastructure to serve the research and educational needs of the scientific communities and end-users that will be sustainable both at national and regional level in its operation and expansion, will have a multi-disciplinary nature in encouraging and supporting grid applications among diverse technology domains, and will comprise of multiple geographically-distributed resource sites per SEE country thus engaging an equally-contributing collaborative group of research and academic groups in all SEE countries.

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